BLAUPUNKT **Autoradio**

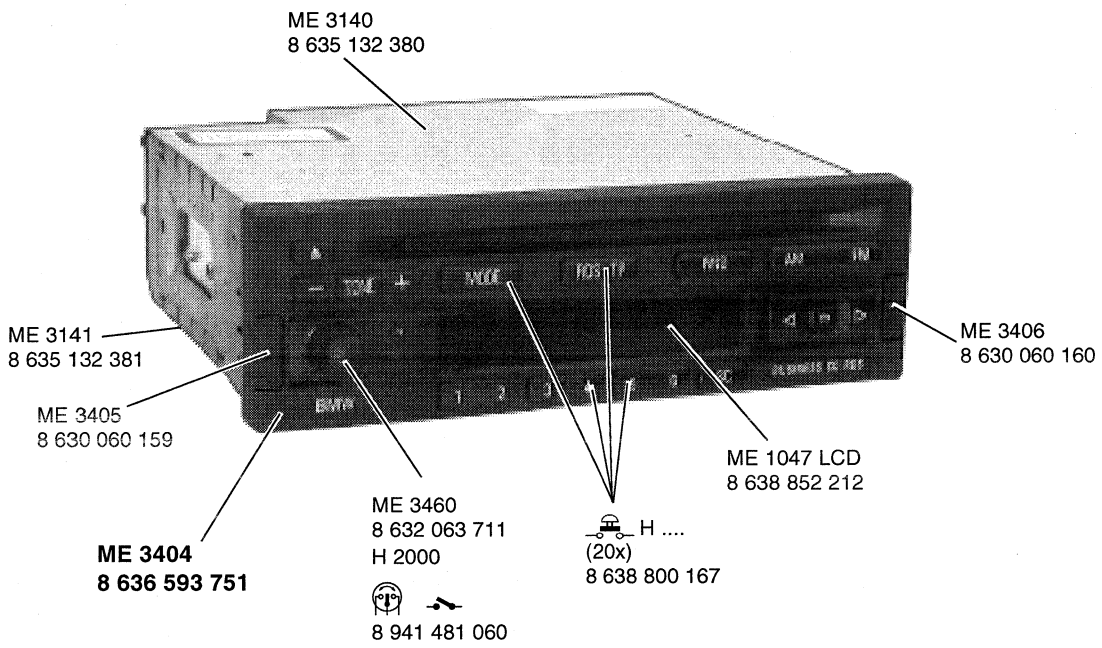
BMW CD 23

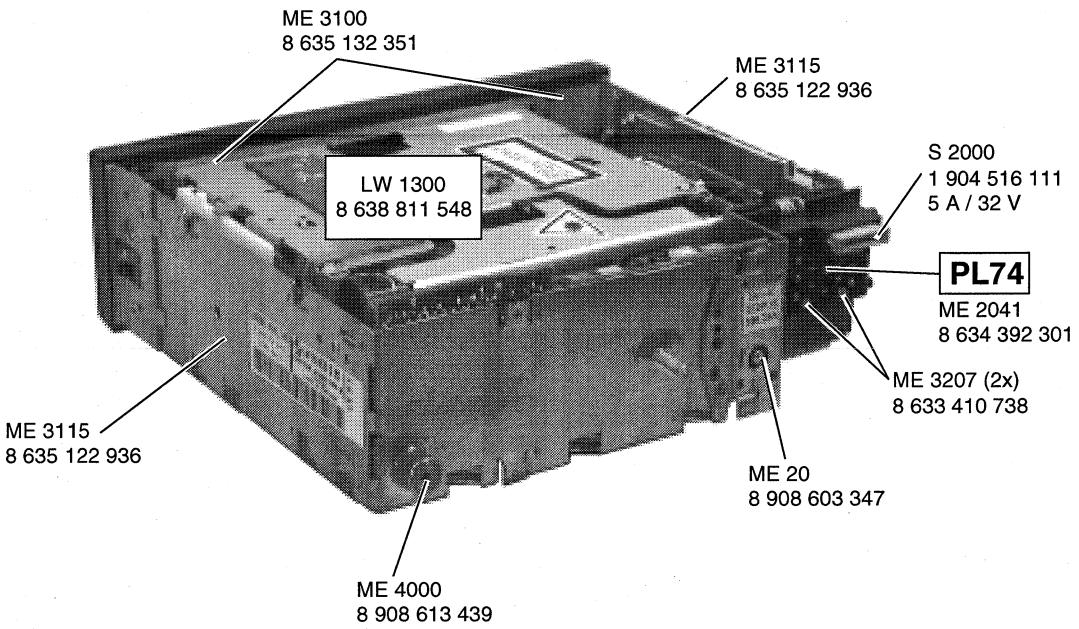
7 646 270 340

7 646 270 341

8 622 401 478 Sa 1/98

Ersatzteilliste • Spare Parts List • Liste de rechanges • Lista de repuestos





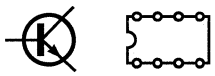
Wichtige mechan. Bauteile
Composants mécaniques importants
Important mechanical parts
Componentes mecánicos importantes

	(D)	(GB)	(F)	(E)	
ME 3400	**Frontblende, vollst.**	**Set cap assy.**	**Capot**	**Casqu. de aparato**	**8 636 593 753**
ME 1337	Diodenhalter (2x)	Diode holder	Support de diodes	Porta diodes	8 630 161 578
ME 1338	LED-Halter (6x)	LED holder	Support de LED	Sujetador LED	8 630 160 294
ME 3530	Halter links	Support left	Support à gauche	Soporte izquierdo	8 631 312 808
ME 3531	Halter rechts	Support right	Support à droite	Soporte derecho	8 631 312 809
ME 3532	Klemmhalter (2x)	Support clamp	Support de serrage	Soporte presor	8 631 312 806
ME 3610	UKW-Platte PL 06	FM Tuner PL 06	Tuner VHF PL 06	Placa sintonia PL 06	8 638 302 195
N 1001	Buchsenleiste 10polig	Fermate connector	Reglette de bornes	Regleta de bornes	8 638 800 273
N 1000	Buchsenleiste 6polig	Fermate connector	Reglette de bornes	Regleta de bornes	8 638 800 271

Elektrische Bauteile
Composants électriques
Electric components
Piezas eléctricas

Position Position Position Posición	Bezeichnung Designation Déomination Denominación	Bestell-Nr. Part no. No. de commande Número de pedido
B 1000- B 1005		8 928 411 648
D 136	BAV 99	8 925 405 124
D 137	BAV 99	8 925 405 124
D 180	BAV 99	8 925 405 124
D 192	BAL 99	8 925 405 137
D 600	Z 47	8 925 810 005
D 601	BB 112	8 945 405 996
D 602	BB 112	8 945 405 996
D 606	BAV 70	8 925 405 122
D 620	BAL 99	8 925 405 137
D 621	BAL 99	8 925 405 137
D 630	BAV 70	8 925 405 122
D 635	BAV 70	8 925 405 122
D 650	BB 112	8 945 405 996
D 680	BAV 70	8 925 405 122
D 701	BAL 99	8 925 405 137
D 702	BZX 84/B10	8 925 421 068
D 805	BAV 70	8 925 405 122
D 850	BZX 84/C4V3	8 925 421 046
D 851	BZX 84/C4V3	8 925 421 046
D 852	BZX 84/C5V6	8 925 421 037
D 853	BAV 70	8 925 405 122
D 1001	1N 4004	8 925 405 794
D 1002	BZX 84/C4V7	8 925 421 061
D 1003	BAV 70	8 925 405 122
D 1004	BAV 99	8 925 405 124
D 1010- D 1028	LO T672	8 925 405 164
D 1015- D 1024	LO K382	8 945 405 902
D 1029- D 1034	LO K380	8 945 405 912
D 1030	BZX 84/C2V7	8 925 421 033
D 1031	BZX 84/C2V7	8 925 421 033
D 1032	BZX 84/C2V7	8 925 421 033
D 1035	BZX 84/C6V2	8 925 421 036
D 1036	BZX 84/C2V7	8 925 421 033
D 1037	BZX 84/C4V3	8 925 421 046
D 1038	LO K382	8 945 405 902

Position Position Position Posición	Bezeichnung Designation Déomination Denominación	Bestell-Nr. Part no. No. de commande Número de pedido
D 1039	BZX 84/C2V7	8 925 421 033
D 1040	LO K382	8 945 405 902
D 1041	BZX 84/C4V3	8 925 421 046
D 1080	Code LED	8 945 405 890
D 1401	BAL 99	8 925 405 137
D 1402	BAL 99	8 925 405 137
D 1450	BAL 99	8 925 405 137
D 1500	BAV 99	8 925 405 124
D 2000	BYW 95 B	8 945 405 201
D 2020	1 N 4004	8 925 405 794
D 2050	BAL 99	8 925 405 137
D 2060	BAL 99	8 925 405 137
D 2061	BAL 99	8 925 405 137
D 2062	BAL 99	8 925 405 137
F 152		8 948 417 006
L 130		8 948 411 024
L 600		8 928 411 025
L 602		8 948 415 058
L 603		8 948 415 057
L 604		8 908 411 056
L 605		8 948 415 070
L 606		8 948 415 069
L 612		8 948 412 066
L 613		8 948 412 067
L 650		8 948 415 055
L 651		8 948 415 060
L 652		8 948 415 064
L 660		8 948 413 011
L 671		8 948 413 007
L 700		8 948 420 016
L 850		8 948 420 013
L 860		8 948 420 013
L 870		8 958 411 102
L 1000		8 948 420 016
L 1001		8 948 420 016
L 1011		8 948 411 054
L 2000		8 908 411 058
L 2005		8 948 420 013
L 2400		8 958 411 102

Position Position Position Posición	Bezeichnung Designation Déomination Denominación	Bestell-Nr. Part no. No. de commande Número de pedido
Q 152		8 946 193 206
Q 300		8 946 193 097
Q 660		8 946 193 234
Q 850		8 926 193 002
Q 1000		8 926 193 009
Q 2400		8 946 193 203
R 166	100 KΩ	8 941 500 184
R 308	220 KΩ	8 941 500 185
R 2008	18 Ω / PTC	8 921 351 002
		
V 120	BF 550	8 925 706 143
V 135	BC 369	8 925 705 304
V 136	BC 848 C	8 925 705 037
V 137	BC 858 C	8 925 705 039
V 138	BC 848 C	8 925 705 037
V 151	BF 550	8 925 706 143
V 152	TDA 1597	8 925 901 450
V 180	TL 072 IDR	8 925 900 201
V 192	BC 848 B	8 925 705 043
V 193	BC 848 B	8 925 705 043
V 200	BC 848 B	8 925 705 043
V 310	TDA 1591 T	8 925 900 977
V 600	ON 4288	8 925 705 115
V 602	BC 858 C	8 925 705 039
V 603	BC 848 C	8 925 705 037
V 604	BFR 30	8 925 705 131
V 610	BC 848 C	8 925 705 037
V 611	BC 848 C	8 925 705 037
V 612	BC 848 C	8 925 705 037
V 620	BFS 19	8 925 705 282
V 621	BC 858 C	8 925 705 039
V 622	BC 858 C	8 925 705 039
V 645	BC 848 B	8 925 705 043
V 650	BC 848 C	8 925 705 037
V 651	BC 848 C	8 925 705 037
V 652	BC 848 C	8 925 705 037
V 660	TDA 1572 T	8 925 900 175
V 680	BC 848 B	8 925 705 043
V 681	BC 848 B	8 925 705 043
V 690	BC 849 C	8 925 705 035
V 691	BC 848 C	8 925 705 037
V 700	SDA 4330	8 925 901 029
V 701	BC 848 B	8 925 705 043
V 702	BC 848 C	8 925 705 037
V 806	BC 848 B	8 925 705 043
V 807	BC 858B	8 925 705 038
V 808	BC 848 B	8 925 705 043
V 809	BC 858B	8 925 705 038
V 810	BC 848 B	8 925 705 043
V 811	BC 858B	8 925 705 038
V 812	BC 848 B	8 925 705 043
V 813	BC 808-25	8 925 705 042
V 814	BC 858B	8 925 705 038
V 815	BC 808-25	8 925 705 042
V 850	**MC 68HC05B8**	**8 925 904 020**
V 851	BC 848 C	8 925 705 037
V 852	BC 848 C	8 925 705 037
V 853	BC 848 C	8 925 705 037
V 854	BC 848 C	8 925 705 037
V 860	**MC 68HC05C8**	**8 925 904 183**
V 870	BC 848 C	8 925 901 011

Position Position Position Posición	Bezeichnung Designation Déomination Denominación	Bestell-Nr. Part no. No. de commande Número de pedido
V 1000	ST 6280 Q6	8 925 901 015
V 1001	BC 818-25	8 925 705 041
V 1002	BC 818-25	8 925 705 041
V 1003	BC 818-25	8 925 705 041
V 1004	BC 848 C	8 925 705 037
V 1007	BC 848 C	8 925 705 037
V 1008	BC 848 C	8 925 705 037
V 1009	BC 848 C	8 925 705 037
V 1010	BA 4558 F	8 925 900 308
V 1070	BC 848 B	8 925 705 043
V 1080	FOTO	8 945 705 984
V 1080	BC 848 C	8 925 705 037
V 1450	BC 848 C	8 925 705 037
V 1500	TDA 7318 D	8 925 900 349
V 1600	TDA 7350	8 945 902 218
V 1602	TDA 7350	8 945 902 218
V 1605	BC 858 C	8 925 705 039
V 1610	BC 848 B	8 925 705 043
V 1630	BC 848 B	8 925 705 043
V 1660	BC 848 B	8 925 705 043
V 1680	BC 848 B	8 925 705 043
V 2000	BD 436-T	8 905 705 167
V 2001	BC 848 C	8 925 705 037
V 2020	L 4949	8 925 900 348
V 2021	BC 848 C	8 925 705 037
V 2022	BC 369	8 925 705 304
V 2023	BC 848 C	8 925 705 037
V 2024	BC 848 C	8 925 705 037
V 2025	BC 848 C	8 925 705 037
V 2026	BC 848 C	8 925 705 037
V 2030	L 4916	8 945 900 450
V 2040	L 4916	8 945 900 450
V 2050	MC 78M05CT	8 945 902 581
V 2055	BC808-25	8 925 705 042
V 2060	BC 848 B	8 925 705 043
V 2061	BC 848 B	8 925 705 043
V 2400	**TMS 375C006**	**8 925 901 607**
V 2401	BC 848 B	8 925 705 043
V 2402	BC 848 B	8 925 705 043
V 2410	TDA 7332	8 925 900 477

Hinweis:
Handelsübliche Kondensatoren und Widerstände sind in der Ersatzteilliste nicht aufgeführt. Wir bitten Sie, diese Teile im Fachhandel zu beziehen.

Nota:
Des condensateurs et résistaces commerciaux ne sont pas inclus dans la liste des pièces détachées. Veuillez acheter ces pièces chez votre spècialiste.

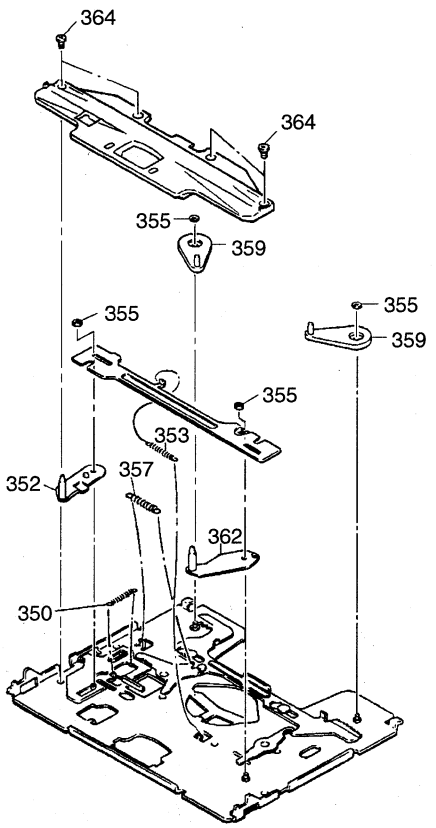
Note:
Capacitors and resistors usual in trade are not mentioned in the spare parts list. Kindly buy these parts from the specialized trade.

Nota:
No se indican en la lista de piezas de requestos los condensatores y los resistores de uso comercial. Les rogamos comprar esas piezas en el comercio especializado.

Elektrische Bauteile
Composants électriques
Electric components
Piezas eléctricas

Position Position Position Posición	Bezeichnung Designation Déomination Denominación	Bestell-Nr. Part no. No. de commande Número de pedido
D 401	RD 5,1M-B2	8 945 421 413
D 402	DAN 202U	8 945 406 041
D 404	SEL 6110R- TP5	8 945 406 332
D 405	SEL 6110R- TP5	8 945 406 332
D 406	RD 8.2 JB 3	8 945 421 178
D 501	DAN 202U T106	8 945 406 041
D 601	DAN 202U T106	8 945 406 041
IC 101	NJM 2100 M	8 925 901 300
IC 301	CDX 8451M	8 925 901 301
IC 401	BA 6295FP	8 925 901 302
IC 402	BA 6295FP	8 925 901 302
IC 403	BA 6285FP	8 925 901 303
IC 501	CXA 1081 Q	8 925 900 555
IC 502	CXA 1182 Q-Z	8 925 900 556
IC 503	CXD 2500AQ	8 925 901 304
IC 601	CXP 50116- 411Q	8 925 901 305
Q 301	UN 2212	8 945 705 311
Q 401	2SB 1202FAST	8 925 705 593
Q 402	2SC 1623 L5L6	8 925 705 486
Q 409	UN 5216	8 925 705 465
Q 502	2SC 1623 L5L6	8 925 705 486
Q 504	2SB 1123T	8 925 705 650
Q 510	XN 1215	8 945 705 731

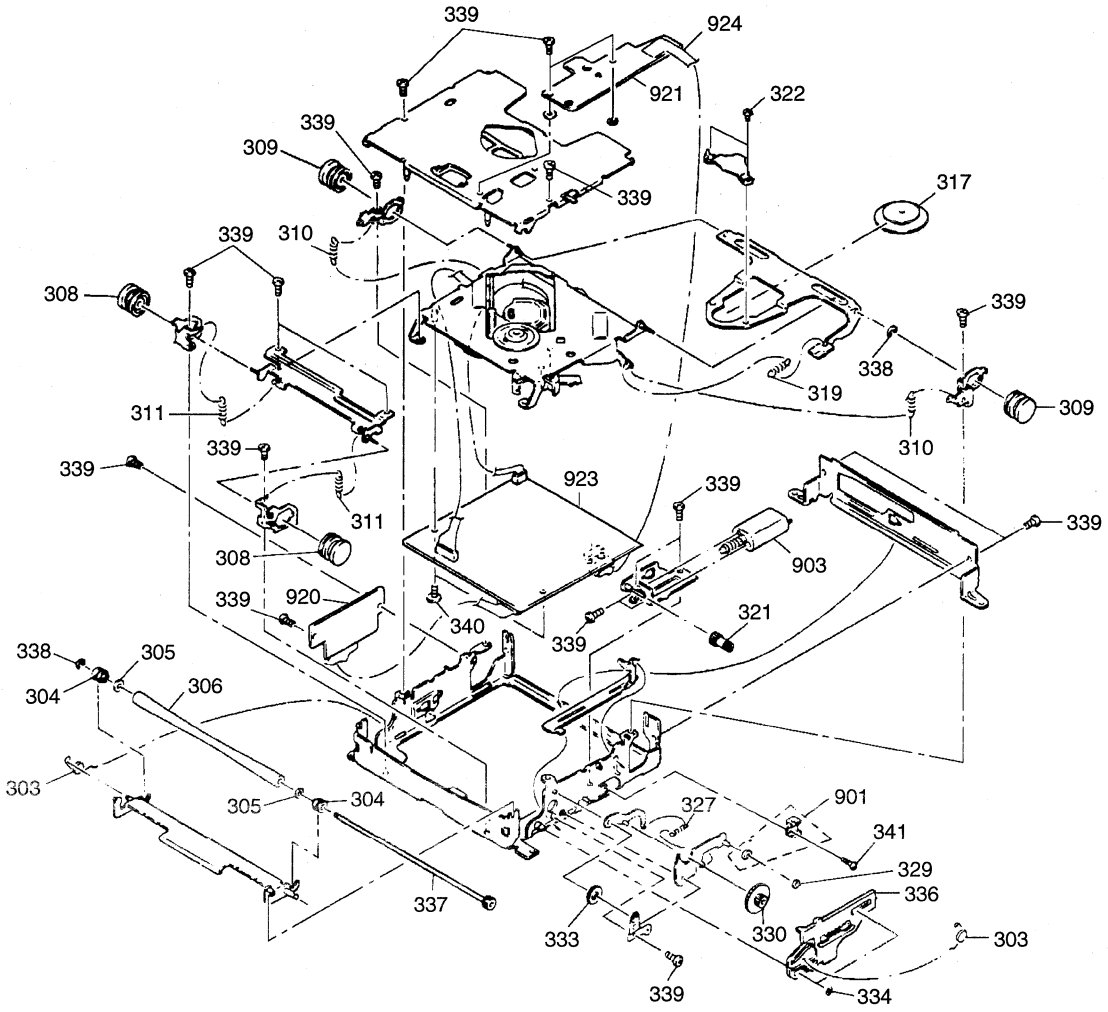
Position Position Position Posición	Bezeichnung Designation Déomination Denominación	Bestell-Nr. Part no. No. de commande Número de pedido
Q 511	XN 1215	8 945 705 731
Q 512	XN 1215	8 945 705 731
Q 513	XN 1215	8 945 705 731
Q 514	XN 1215	8 945 705 731
Q 515	UN 5216	8 925 705 465
Q 516	UN 5216	8 925 705 465
Q 517	XN 1215	8 945 705 731
Q 518	XN 1115	8 945 705 674
Q 605	2SB 1123-S	8 925 705 649
Q 606	UN 5211	8 945 705 662
Q 609	UN 5211	8 945 705 662
Q 610	2SB1123-S	8 925 705 649
Q 621	PN 147-LP-R	8 925 705 651
Q 622	PN 147-LP-R	8 925 705 651
Q 623	PN 147-LP-R	8 925 705 651
SW 1		8 619 521 262
SW 2		8 619 329 222
TH 501		8 940 599 727
TH 502		8 940 599 727
X 501	4,19 MHz	8 946 193 457



Position Position Position Posición	Bestell-Nr. Part no. No. de commande Número de pedido
LW 350	8 619 511 655
LW 352	8 619 581 159
LW 353	8 619 511 656
LW 355	8 619 319 409
LW 357	8 619 511 657
LW 359	8 619 581 161
LW 362	8 619 581 162
LW 364	8 619 511 525

LW 1300 Explosionszeichnung / Exploded View / Vue éclatée / Dibujo de tipo explosión

8 638 811 548



LW

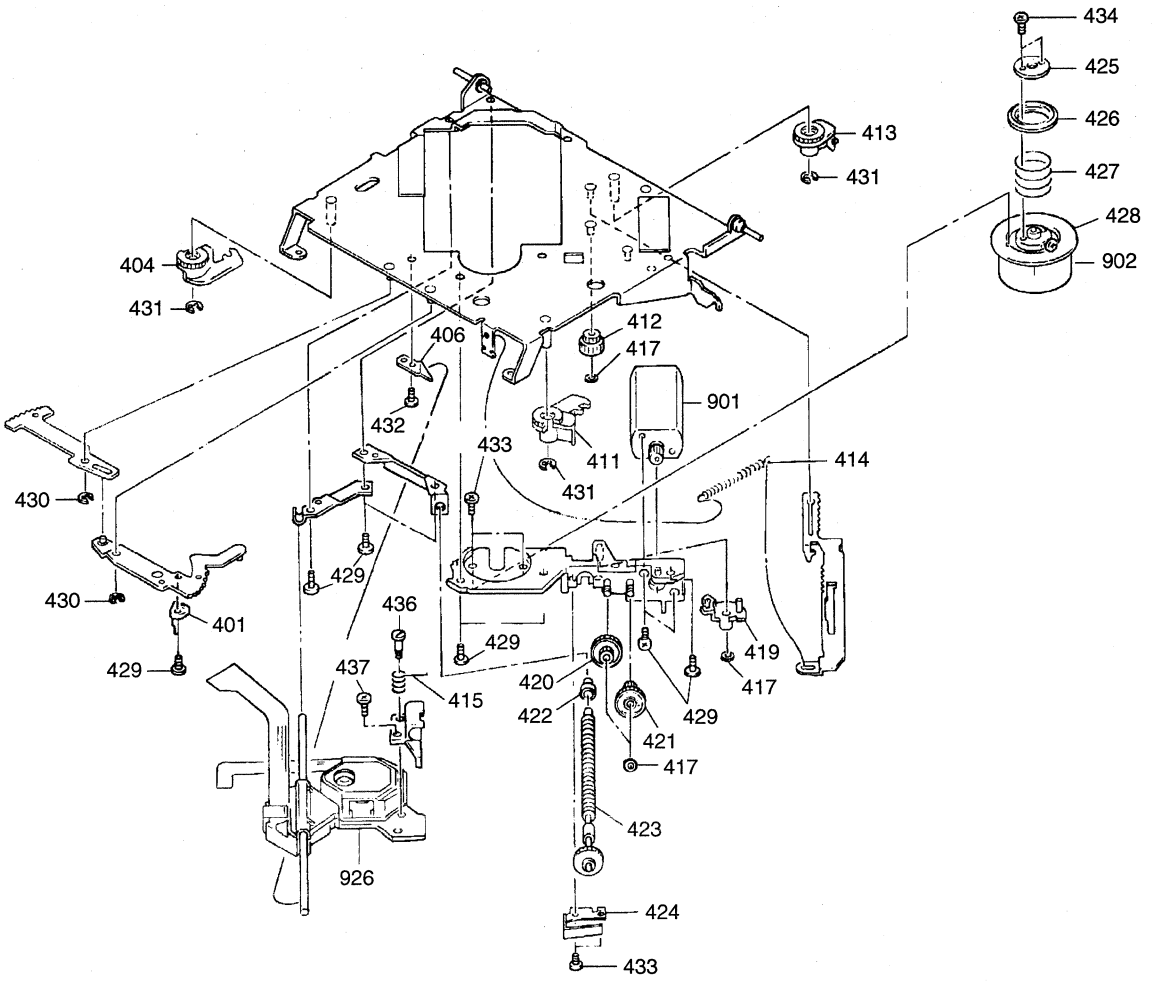
Position Position Position Posición	Bestell-Nr. Part no. No. de commande Número de pedido
LW 303	8 619 319 629
LW 304	8 619 319 349
LW 305	8 619 319 408
LW 306	8 619 319 350
LW 308	8 619 319 917
LW 309	8 619 319 918
LW 310	8 619 511 651
LW 311	8 619 319 630
LW 317	8 619 319 351
LW 319	8 619 319 631
LW 321	8 619 511 856
LW 322	8 619 511 570
LW 327	8 619 319 632

Position Position Position Posición	Bestell-Nr. Part no. No. de commande Número de pedido
LW 329	8 619 511 444
LW 330	8 619 511 857
LW 333	8 619 511 858
LW 334	8 619 319 409
LW 336	8 619 319 430
LW 337	8 619 319 431
LW 338	8 619 511 450
LW 339	8 619 316 517
LW 340	8 619 319 432
LW 341	8 619 511 573
M 903	8 619 329 408
PL 920	8 619 339 418

Position Position Position Posición	Bestell-Nr. Part no. No. de commande Número de pedido
PL 921	8 619 339 419
PL 923	8 619 339 420
PL 924	8 619 389 115
PM 901	8 619 521 510

LW 1300 Explosionszeichnung / Exploded View / Vue éclatée / Dibujo de tipo explosión

8 638 811 548



LW

Position Position Position Posición	Bestell-Nr. Part no. No. de commande Número de pedido
LW 401	8 619 319 433
LW 404	8 619 319 434
LW 406	8 619 581 167
LW 411	8 619 319 435
LW 412	8 619 319 436
LW 413	8 619 319 437
LW 414	8 619 319 633
LW 415	8 619 319 634
LW 417	8 619 511 416
LW 419	8 619 319 438
LW 420	8 619 319 439
LW 421	8 619 319 440

Position Position Position Posición	Bestell-Nr. Part no. No. de commande Número de pedido
LW 422	8 619 319 441
LW 423	8 619 319 442
LW 424	8 619 319 635
LW 425	8 619 511 418
LW 426	8 619 511 417
LW 427	8 619 511 626
LW 428	8 619 319 443
LW 429	8 619 511 575
LW 430	8 619 511 450
LW 431	8 619 511 451
LW 432	8 619 319 444
LW 433	8 619 511 579

Position Position Position Posición	Bestell-Nr. Part no. No. de commande Número de pedido
LW 434	8 619 511 529
LW 436	8 619 511 582
LW 437	8 619 511 528
LW 926	8 619 339 609
M 901	8 619 521 425
M 902	8 619 329 403

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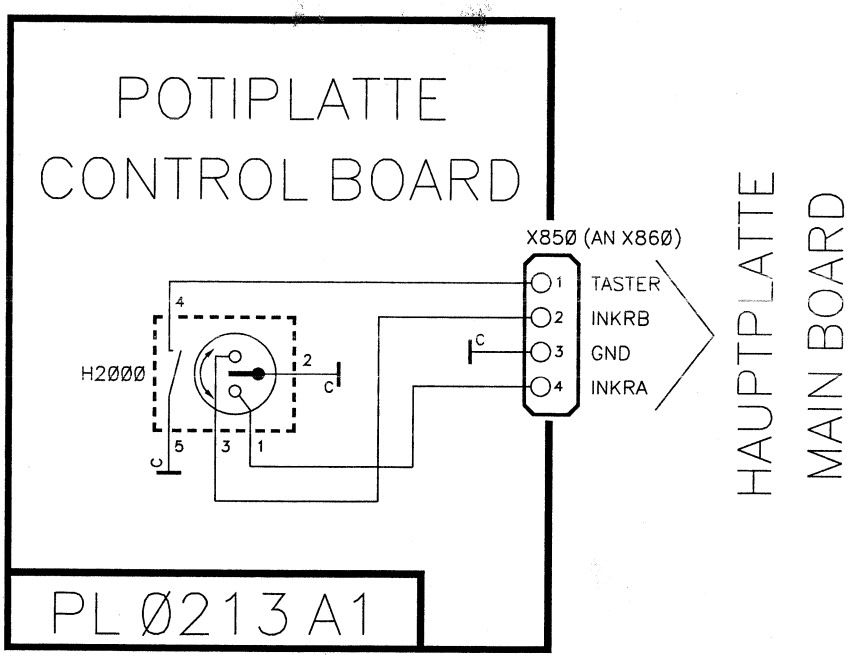
BLAUPUNKT **AUTORADIO** **BMW CD 23**

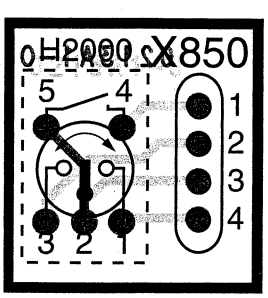
7 646 270 340

8 622 401 492 KR-WG 01/98

Schaltbild • Circuit diagram • Schema du poste • Esquema del aparato

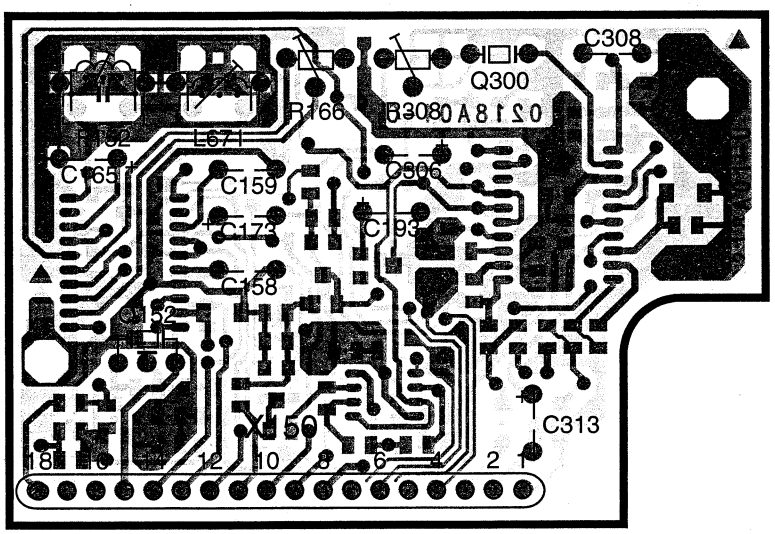


Potiplatte
Control board
PL 0213 A01

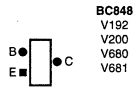


X850 (AN X860)
1 = TASTER
2 = INKRB
3 = GND
4 = INKRA

ZF-Platte
IF board
PL 0218 A01



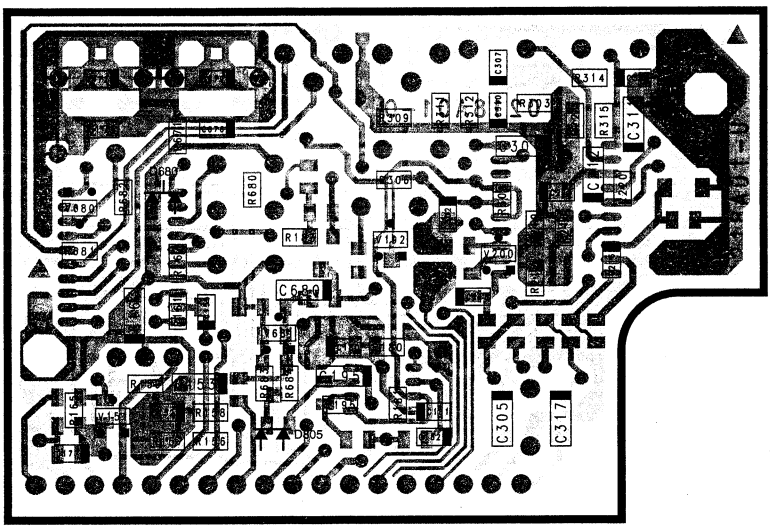
X150
1 = RF_L
2 = GND
3 = RF_R
4 = MPX
5 = U85
6 = FFM
7 = U82
8 = U81
9 = MULTI
10 = MP106
11 = QUALITAET
12 = MULTI / ZEIT
13 = AM_ZF
14 = SL_STOP
15 = ANT_DIV.
16 = U8
17 = GND
18 = ZF_IN

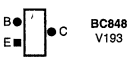


BC848
V192
V200
V680
V681

BF550
V151

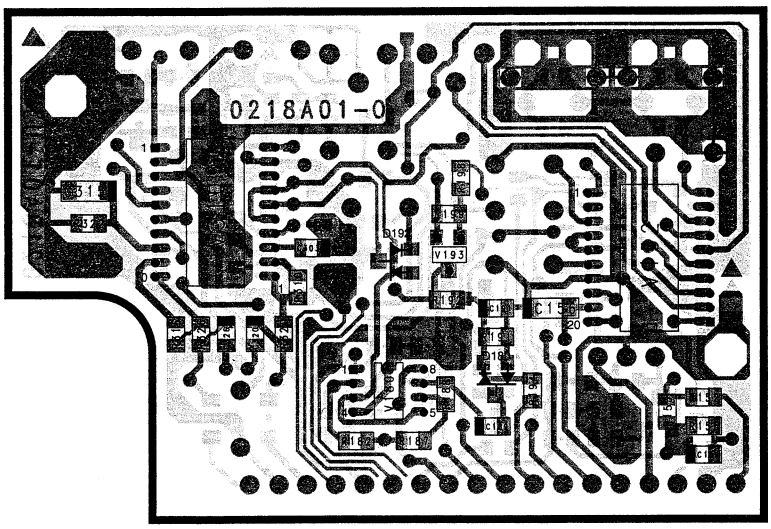
ZF-Platte
IF board
PL 0218 A01
Chip



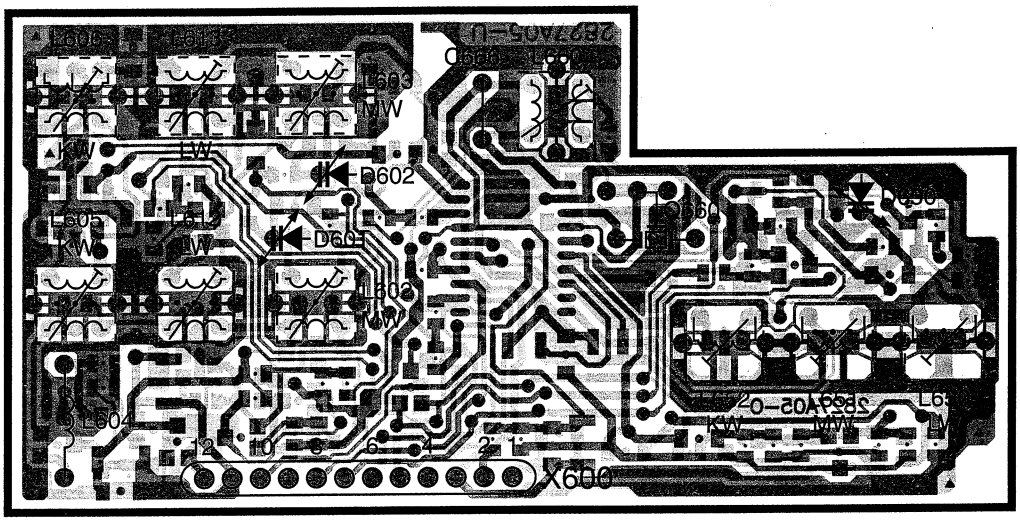


BC848
V193

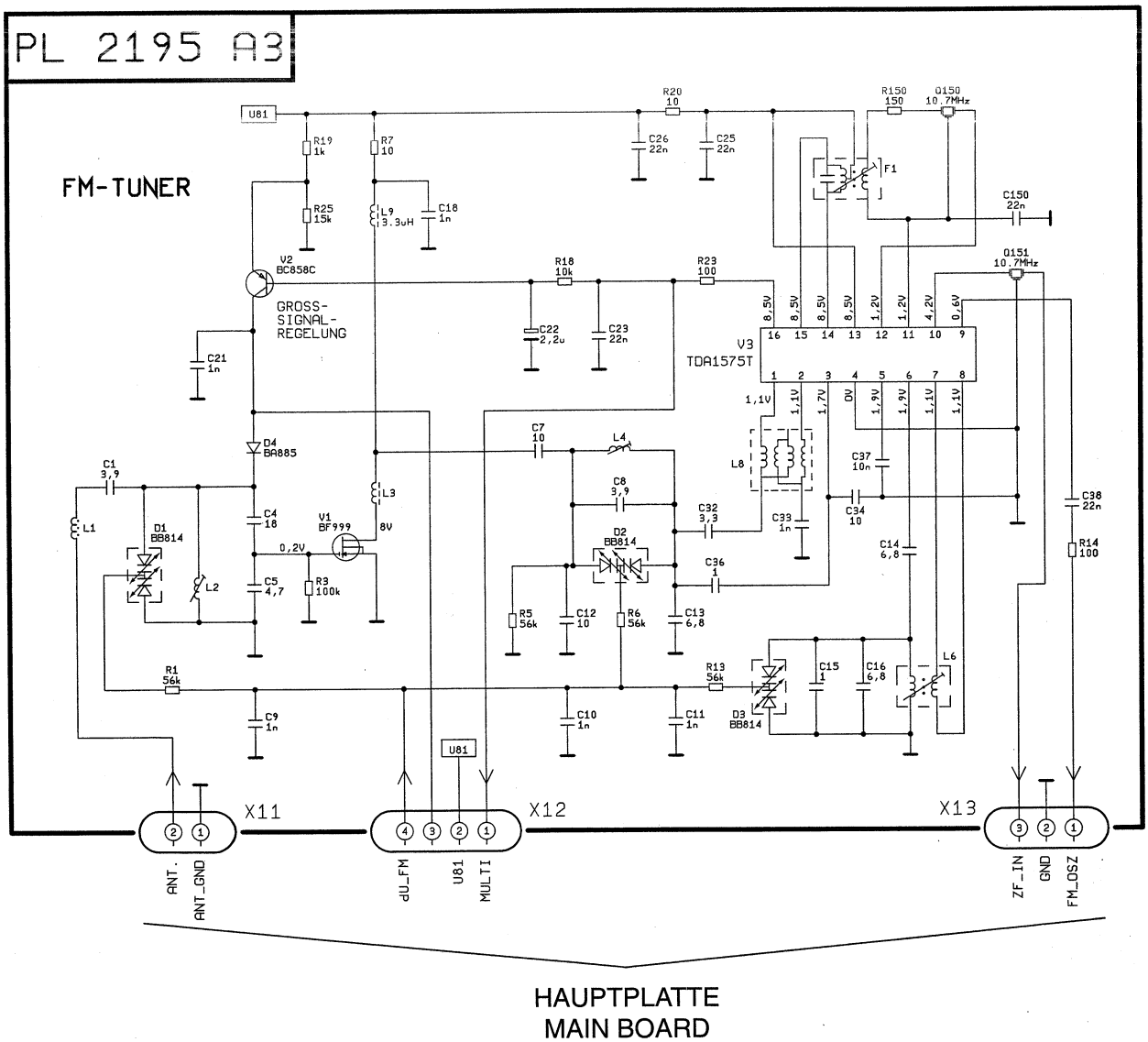
ZF-Platte
IF board
PL 0218 A01
Chip



AM-Platte
AM board
PL 2827 A05



X600		
1 = AM_NF	5 = MW	9 = KW
2 = U82	6 = dU_AM	10 = AM_FELDST.
3 = GND	7 = LW	11 = GND
4 = AM_OSZ.	8 = AM_ZF	12 = HF_IN



HAUPTPLATTE
MAIN BOARD

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Blaupunkt-Werke GmbH, Hildesheim

FM-Platte
FM board
PL 2195 A03
Chip

FM-Platte
FM board
PL 2195 A03
Chip

V 3
TDA 1575 T FM - RF Amplifier + Osc. + MIX
1 = 1,1 V 10 = 4,2 V 2 = 1,1 V 11 = 1,2 V 3 = 1,7 V 12 = 1,2 V 5 = 1,9 V 13 = 8,3 V 6 = 1,9 V 14 = 8,3 V 7 = 1,1 V 15 = 8,3 V 8 = 1,1 V 16 = 8,3 V 9 = 0,6 V

FM-Platte
FM board
PL 2195 A03

X11	X12	X13
1 = ANT_GND 2 = ANT	1 = MULTI 2 = U81 3 = N.C. 4 = dU_FM	1 = FM_OSZ. 2 = GND 3 = ZF_IN

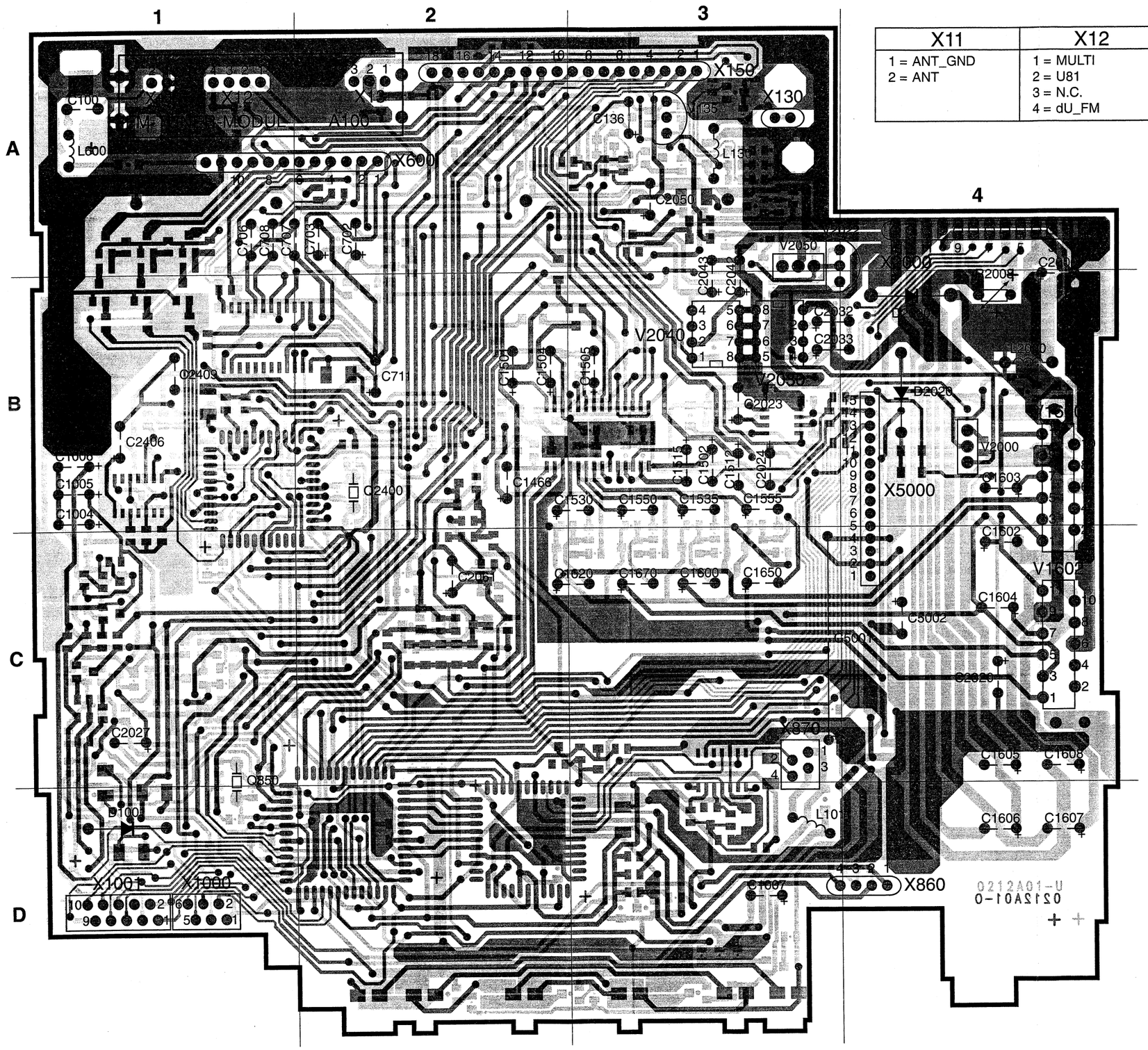
Hauptplatte
Main board
PL 0212 A01

X150
1 = RF_L
2 = GND
3 = RF_R
4 = MPX
5 = U85
6 = FFM
7 = U82
8 = U81
9 = MULTI
10 = V152 / 3
11 = QUALITAET
12 = MULTI / ZEIT
13 = AM_ZF
14 = SL_STOP
15 = ANT_DIV.
16 = U8
17 = GND
18 = ZF_IN

X600
1 = AM_NF
2 = U82
3 = GND
4 = AM_OSZ.
5 = MW
6 = dU_AM
7 = LW
8 = AM_ZF
9 = KW
10 = AM_FELDST.
11 = GND
12 = HF_IN

X1001
1 = CODE_LED_K
2 = U51
3 = FOTOTR._E
4 = FOTOTR._C
5 = BEL
6 = GND
7 = H879 - H885
8 = H886 - H891
9 = H893 - H899
10 = GND

X1000 (AN X1010)
1 = U142
2 = RESET
3 = U5
4 = GND
5 = SDA
6 = SCL



X11	X12	X13
1 = ANT_GND 2 = ANT	1 = MULTI 2 = U81 3 = N.C. 4 = dU_FM	1 = FM_OSZ. 2 = GND 3 = ZF_IN

X130
1 = ANT_DIV.
2 = ANT_DIV.

X2000 (AN X2)
1 = GND
2 = GND (KL.31)
3 = UD
4 = UD (KL.30)
5 = GAL
6 = AUT. ANT.
7 = U_GESCH (KL.R)
8 = TEL_MUTE
9 = LF
10 = GND
11 = RF
12 = LR
13 = RR

X5000
1 = GND
2 = U52
3 = U14
4 = GND
5 = RESET
6 = CS
7 = CLK
8 = D.I.
9 = D.O.
10 = SRQ
11 = CSW
12 = GND
13 = NF_R
14 = GND
15 = NF_L

X870 (AN X5)
1 = BEL_GND
2 = LAC
3 = BEL
4 = I_BUS / DAC

X860 (AN X850)
1 = TASTER
2 = INKRB
3 = GND
4 = INKRA

Hauptplatte
Main board
PL 0212 A01
Chip

2	X13
	1 = FM_OSZ. 2 = GND 3 = ZF_IN
1	

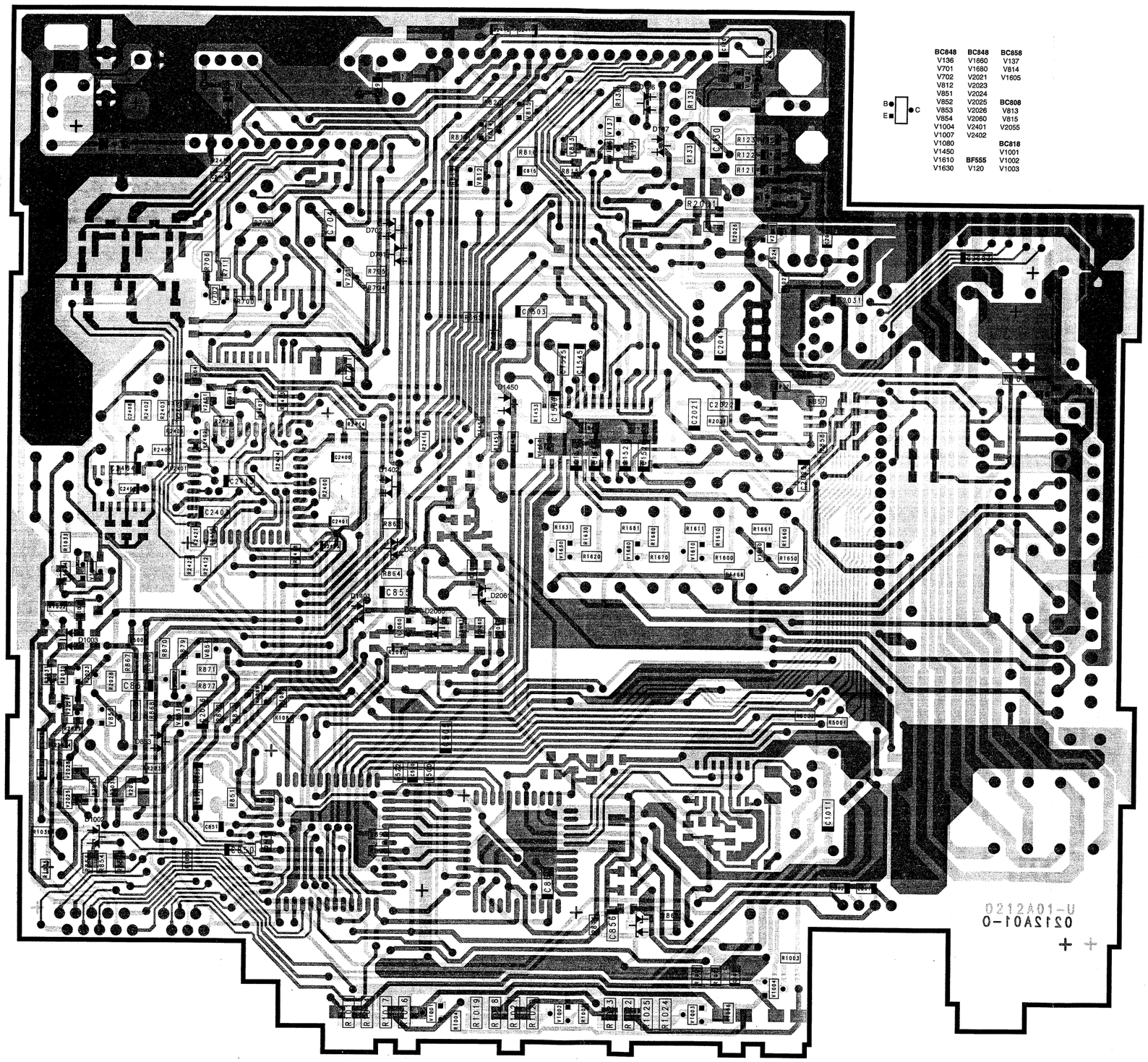
X130
1 = ANT_DIV. 2 = ANT_DIV.

X2000 (AN X2)
1 = GND 2 = GND (KL.31) 3 = UD 4 = UD (KL.30) 5 = GAL 6 = AUT. ANT. 7 = U_GESCH (KL.R) 8 = $\overline{\text{TEL_MUTE}}$ 9 = LF 10 = GND 11 = RF 12 = LR 13 = RR

X5000
1 = GND 2 = U52 3 = U14 4 = GND 5 = RESET 6 = CS 7 = CLK 8 = D.I. 9 = D.O. 10 = SRQ 11 = CSW 12 = GND 13 = NF_R 14 = GND 15 = NF_L

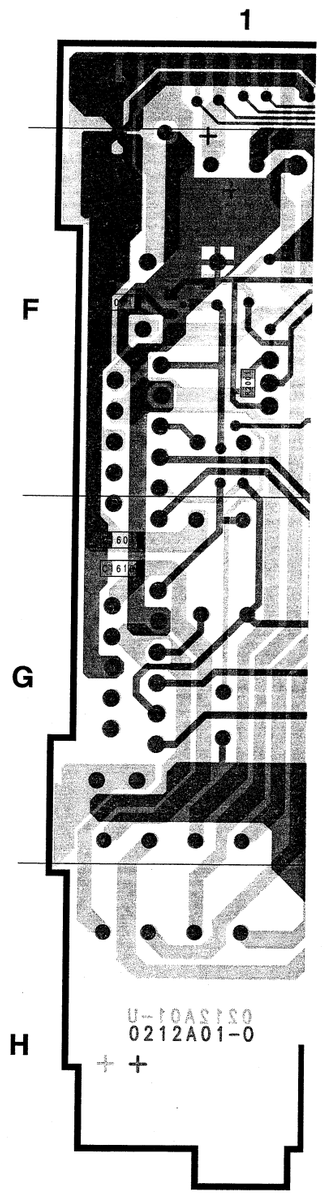
X870 (AN X5)
1 = BEL_GND 2 = LAC 3 = BEL 4 = I_BUS / DAC

X860 (AN X850)
1 = TASTER 2 = INKRB 3 = GND 4 = INKRA

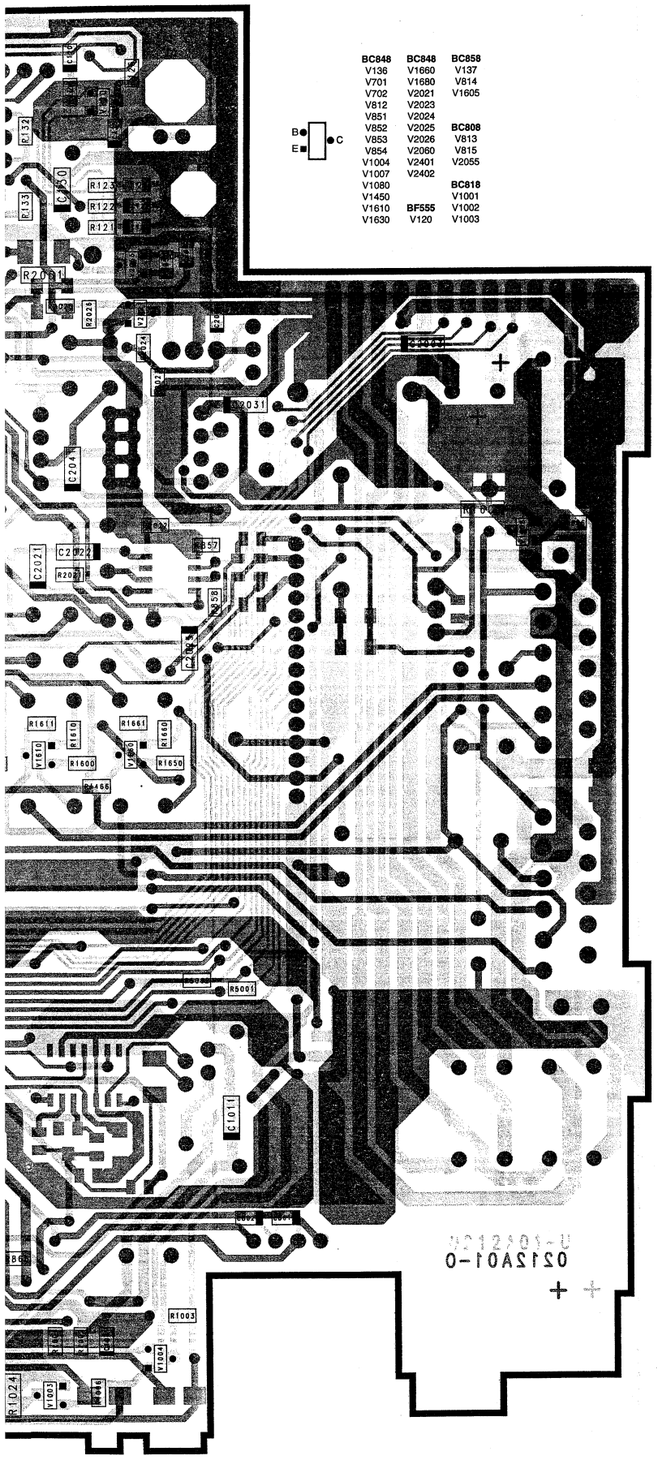


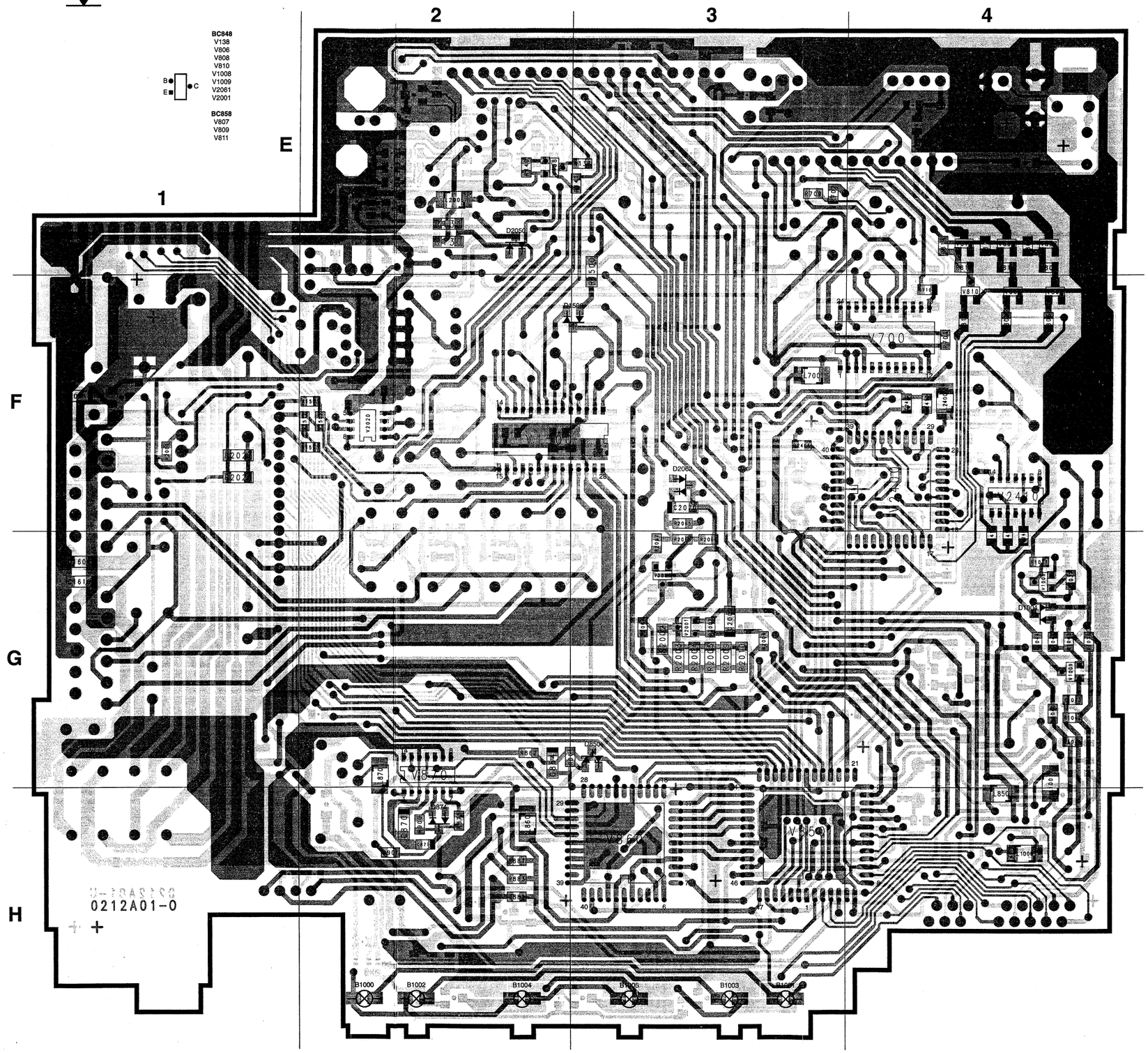
BC848	BC848	BC858
V136	V1680	V137
V701	V1680	V814
V702	V2021	V1605
V812	V2023	
V851	V2024	
V852	V2025	BC808
V853	V2026	V813
V854	V2060	V815
V1004	V2401	V2055
V1007	V2402	
V1080		BC818
V1450		V1001
V1610	BF555	V1002
V1630	V120	V1003

Hauptplatte
Main board
PL 0212 A01
Chip



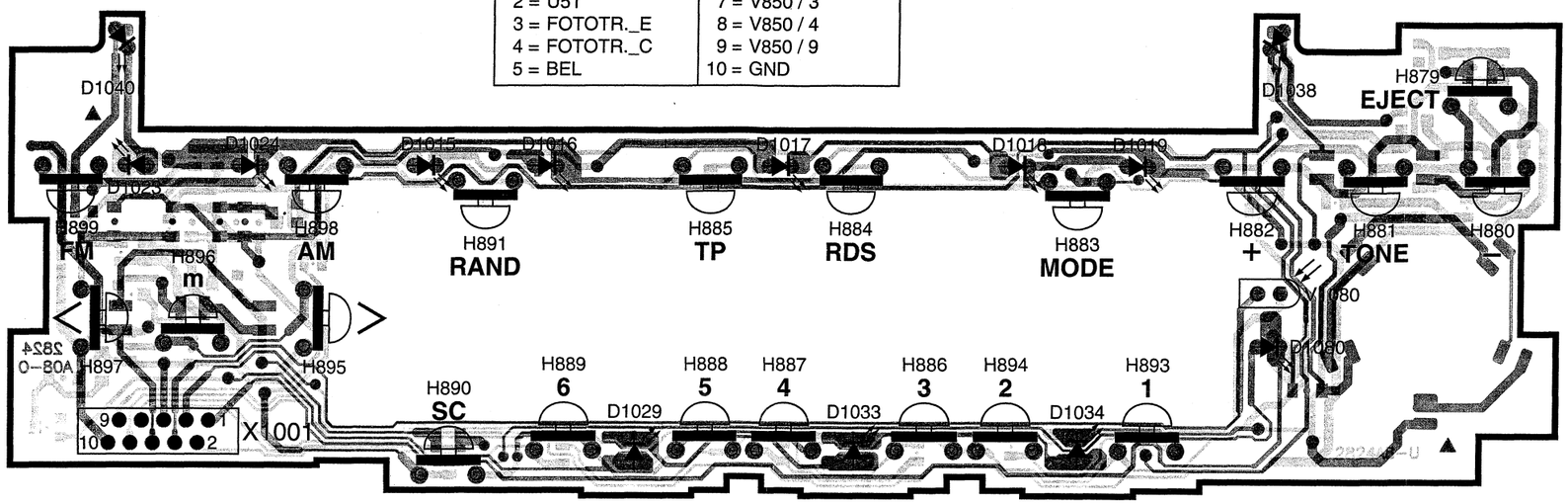
Hauptplatte
Main board
PL 0212 A01
Chip



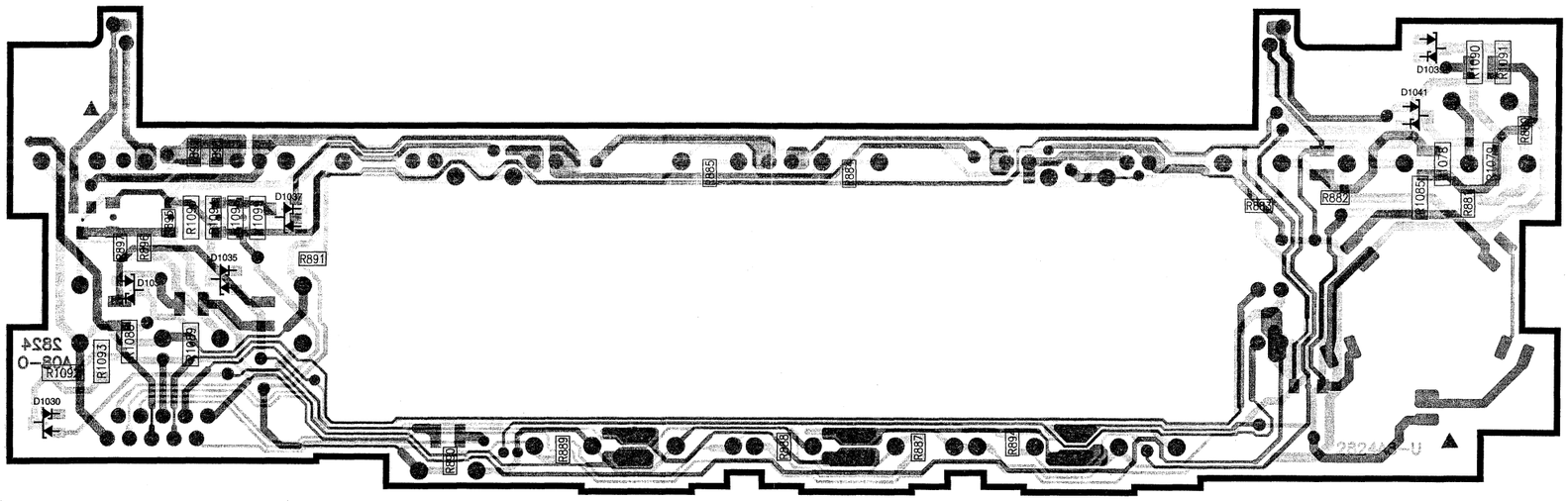


Schalterplatte
Key board
PL 2824 A08

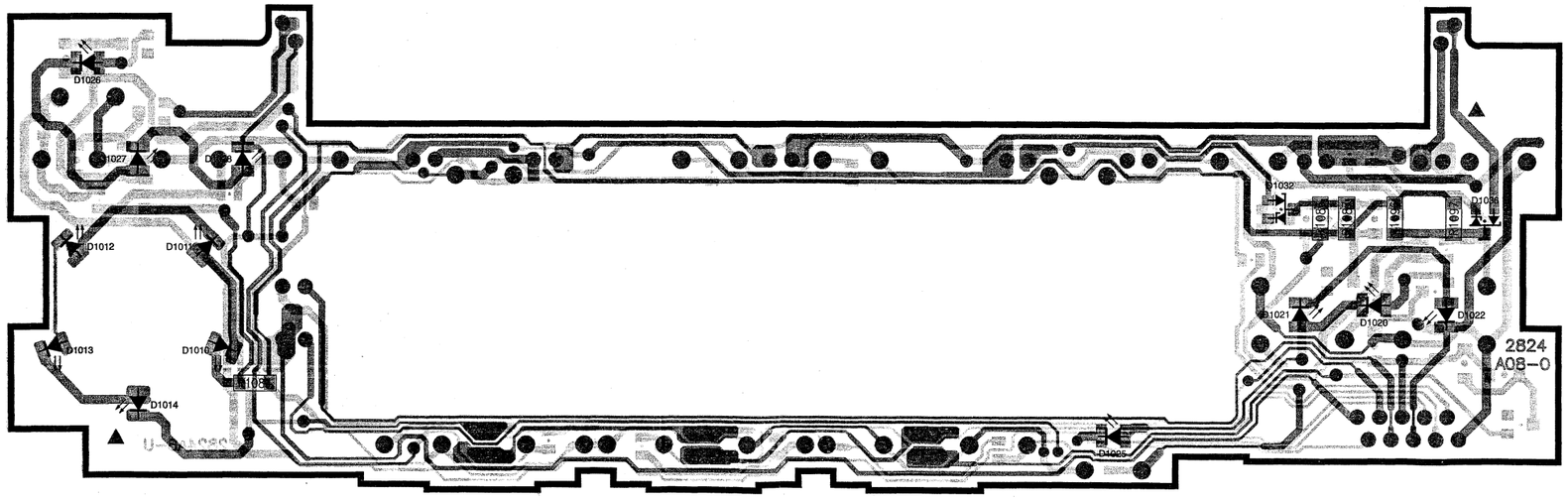
X1001	
1 = CODE_LED_K	6 = GND
2 = U51	7 = V850 / 3
3 = FOTOTR._E	8 = V850 / 4
4 = FOTOTR._C	9 = V850 / 9
5 = BEL	10 = GND

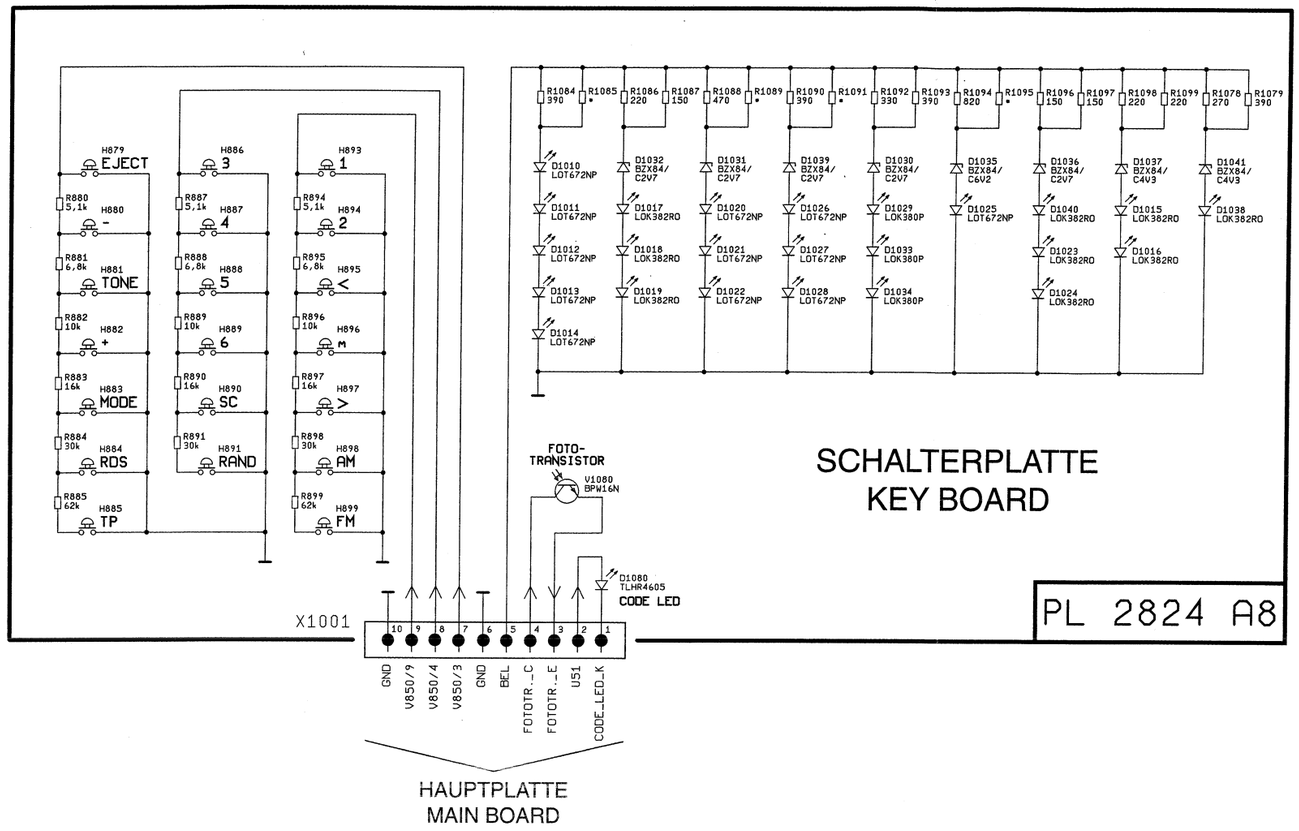


Schalterplatte
Key board
PL 2824 A08
Chip

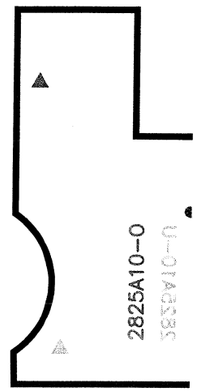


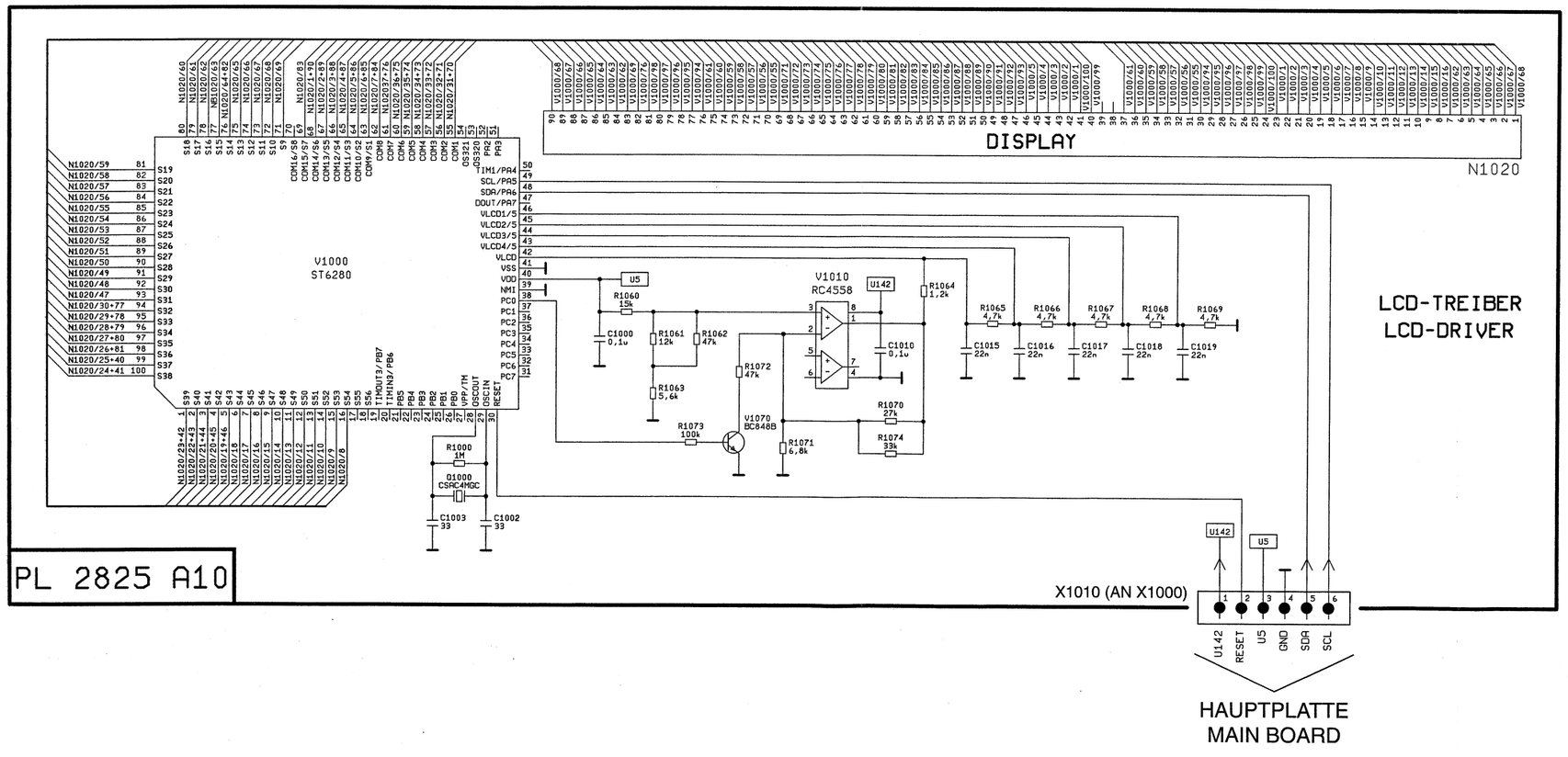
Schalterplatte
Key board
PL 2824 A08
Chip



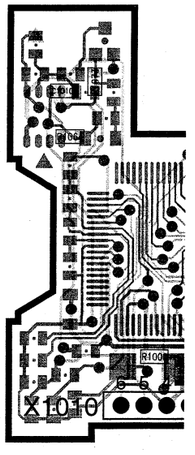


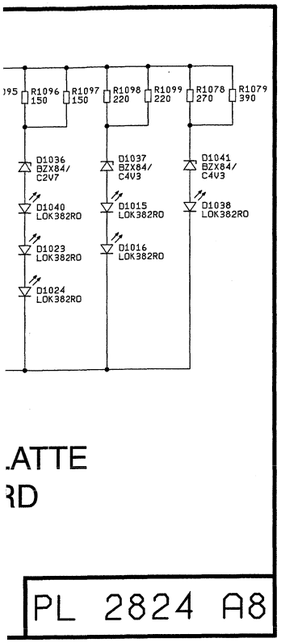
Treiberplatte
Driver board
PL 2825 A10
Chip

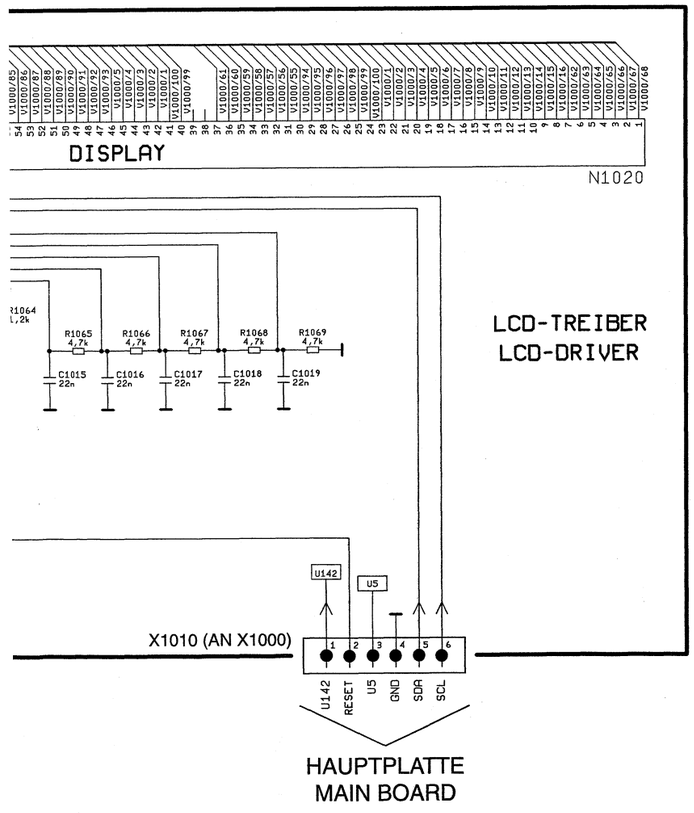




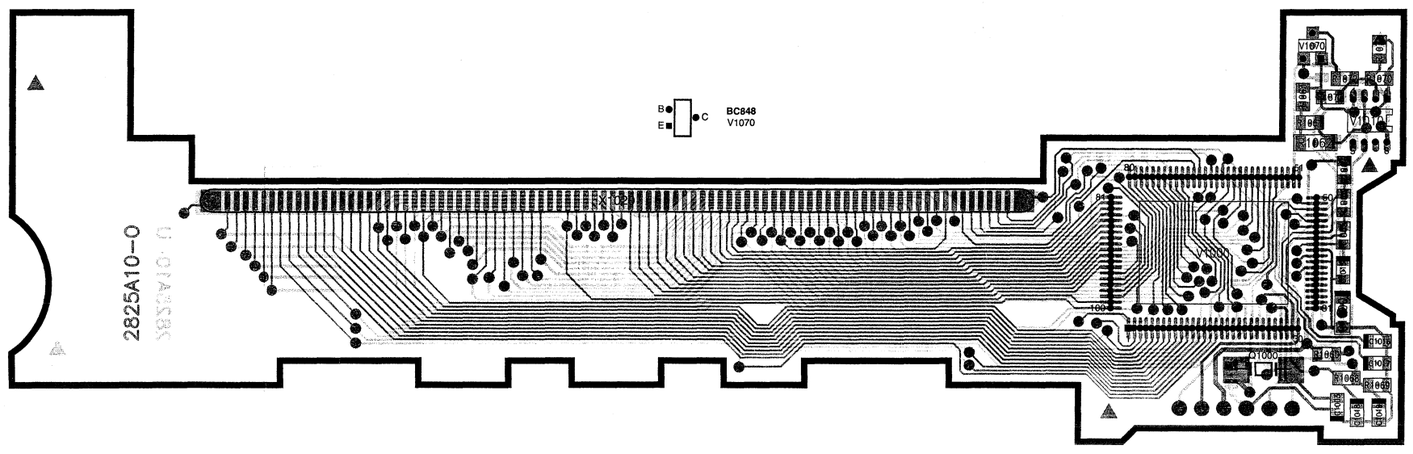
Treiberplatte
Driver board
PL 2825 A10
+ Chip



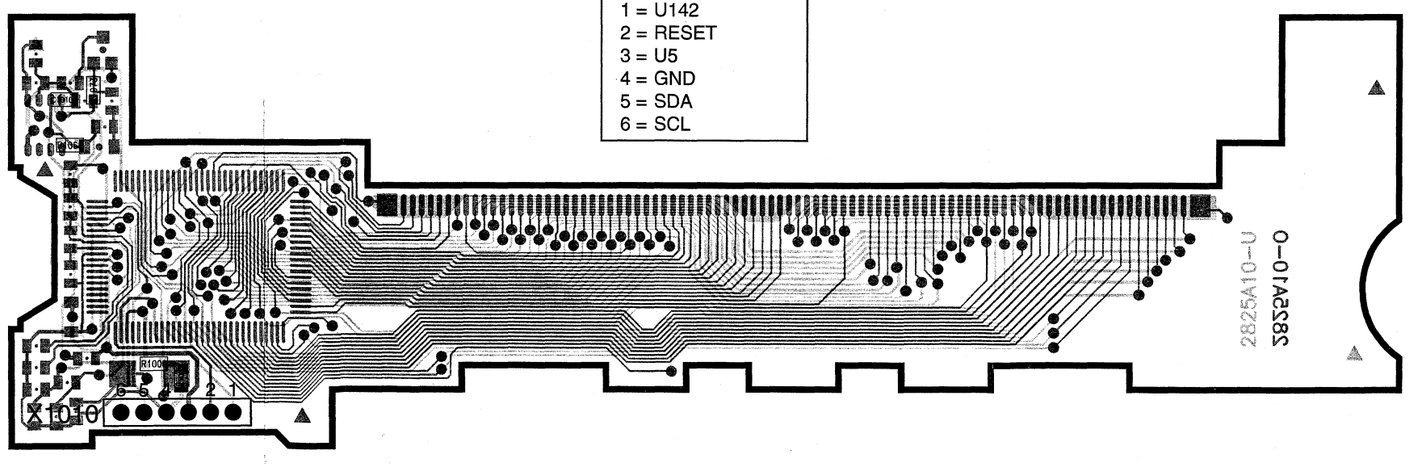




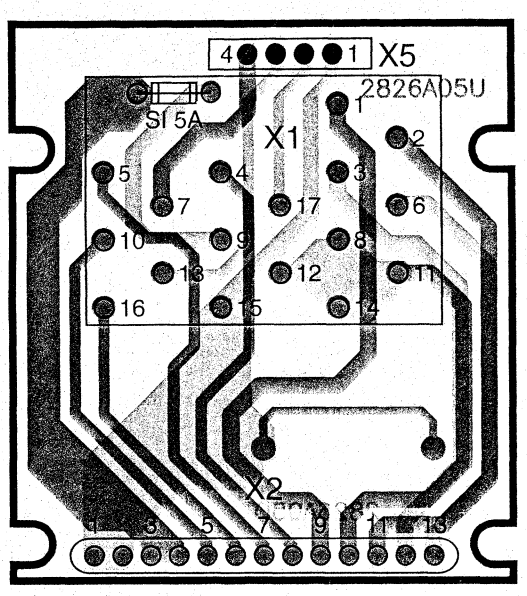
Treiberplatte
Driver board
PL 2825 A10
Chip



Treiberplatte
Driver board
PL 2825 A10
+ Chip



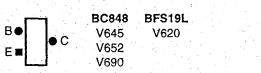
Anschlußplatte
Connector board
PL 2826 A05

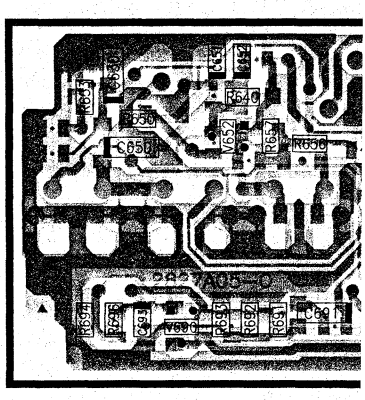


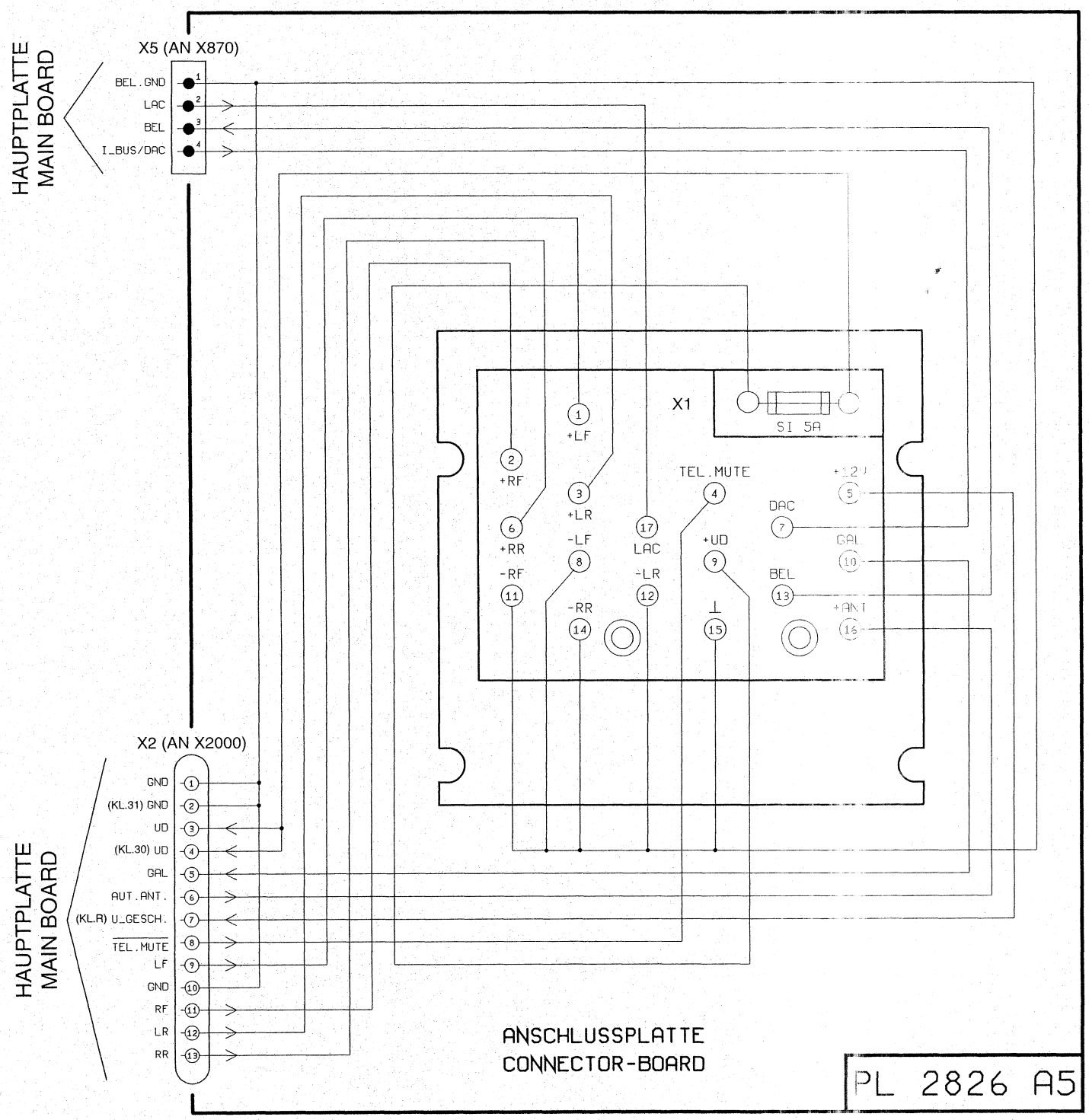
X5 (AN X870)
1 = BEL_GND
2 = LAC
3 = BEL
4 = I_BUS / DAC

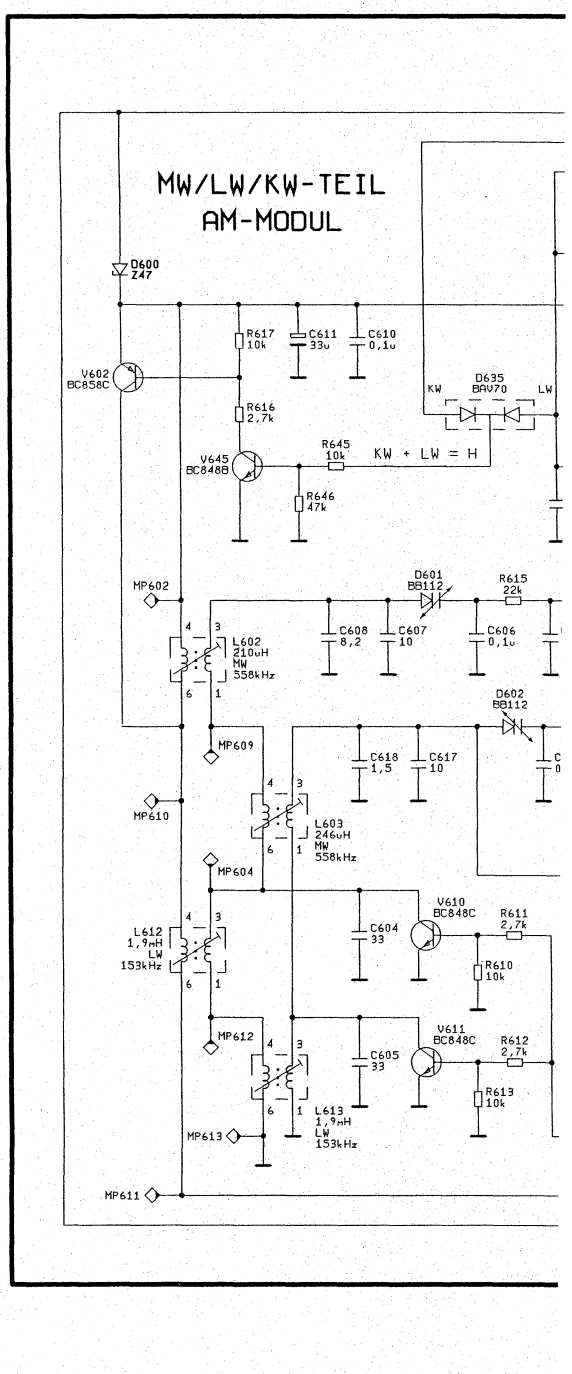
X2 (AN X2000)
1 = GND
2 = GND (KL.31)
3 = UD
4 = UD (KL.30)
5 = GAL
6 = AUT. ANT.
7 = U_GESCH (KL.R)
8 = TEL_MUTE
9 = LF
10 = GND
11 = RF
12 = LR
13 = RR

AM-Platte
AM board
PL 2827 A05
Chip



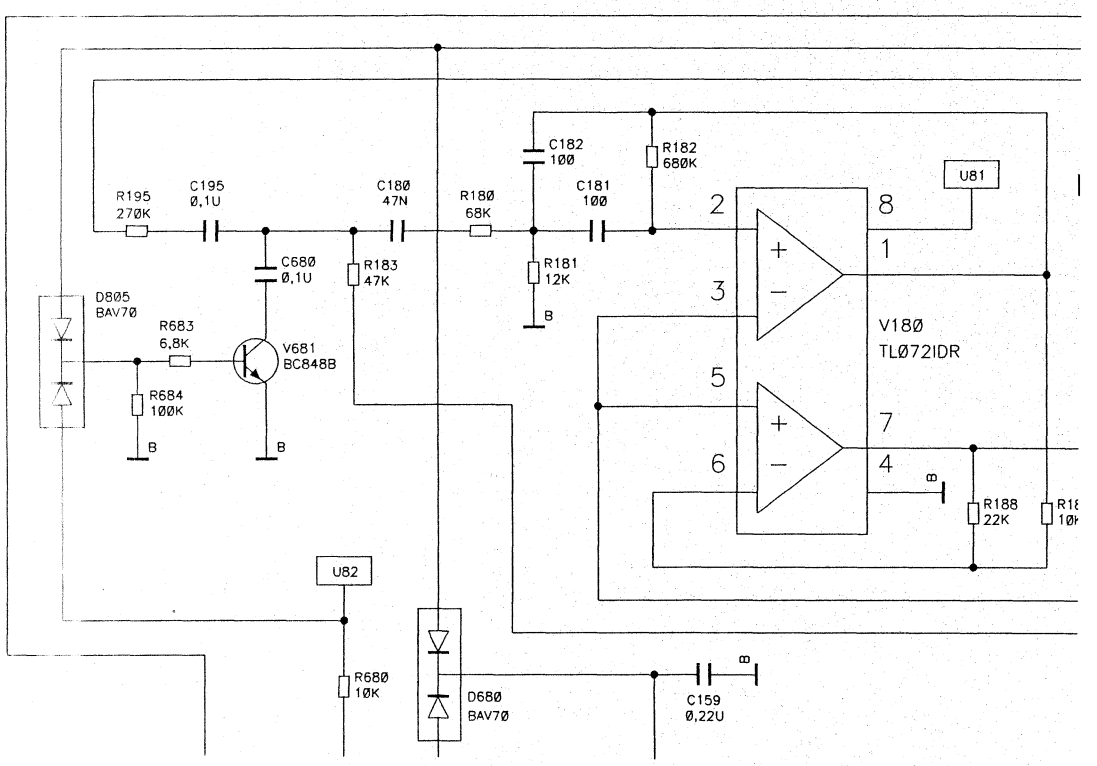


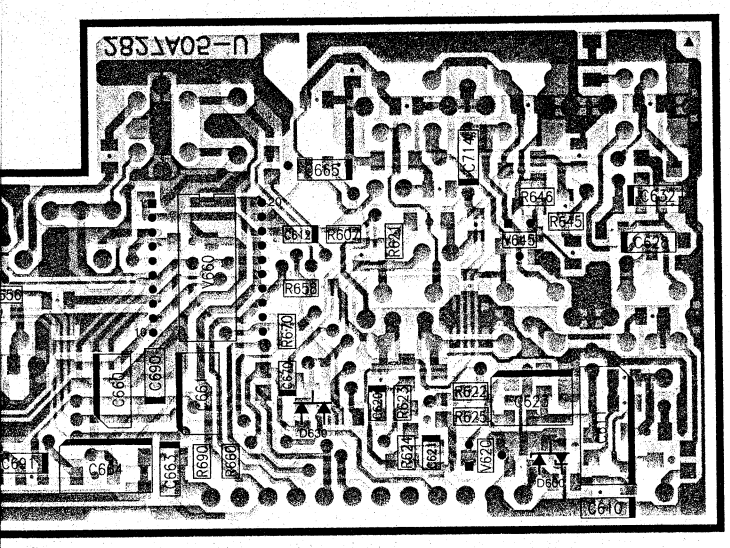




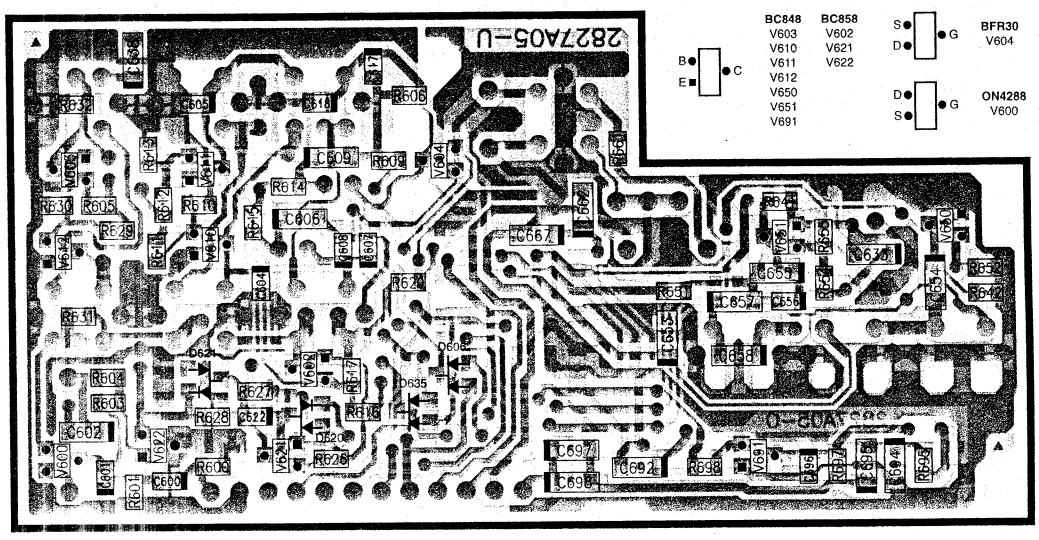
V 152			
TDA 1599 FM - IF Ampl. + DEM			
1 =	8,4 V	13 =	4,3 V
2 =	1,4 V	14 =	4,9 V
3 =	4,3 V	15 =	4,9 V
4 =	3,0 V	16 =	4,3 V
5 =	4,1 V	17 =	GND
6 =	4,2 V	18 =	1,7 V
8 =	2,1 V	19 =	1,7 V
10 =	4,0 V	20 =	1,7 V
11 =	4,0 V		

V 310			
TDA 1591 Stereo Decoder / ASU			
1 =	4,7 V	11 =	3,8 V
2 =	4,4 V	12 =	3,8 V
3 =	GND	13 =	3,8 V
4 =	3,0 V	14 =	3,8 V
5 =	8,5 V	15 =	3,8 V
6 =	2,2 V	16 =	3,7 V
7 =	2,2 V	17 =	3,8 V
8 =	6,0 V	18 =	5,2 V
9 =	3,8 V	19 =	3,2 V





AM-Platte
AM board
PL 2827 A05
Chip



V 660						
TDA 1572 T FM - RF Ampl.+ Osc.+ MIX + IF Ampl.+ DEM						
1 = 8,3 V	4 = 2,2 V	7 = 1,6 V	13 = Feldst.	16 = 4,2 V	19 = 3,9 V	
2 = GND	5 = 2,2 V	8 = 3,8 V	14 = 0,7 V	17 = 8,3 V	20 = GND	
3 = 2,2 V	6 = 2,5 V	12 = 4,3 V	15 = 4,2 V	18 = 3,9 V		

HAUPTPLATTE
MAIN BOARD

X600 HF_IN GND AM_FELDST. KW AM_ZF LW Δ U_AM MW AM_OSZ. GND U82 AM_NF

U82

D606 BAV70 LW MW
D630 BAV70 MW KW

LW = H
KW = H
MW = H
MW + LW
KW + MW = H

KW-OSZ. 2,0V
MW-OSZ. 1,34V
LW-OSZ. 1,47V

L605 4,5uH KW 6175kHz
L606 4.5uH KW 6175kHz
L650 110uH MW
L651 38uH LW
L652 2,5uH KW
L660 37uH ZF 1404kHz

V660 TDA1572T

GROSS-SIGNALREGELUNG

NF-BEDAEMPFUNG

D660 CFWM460H IN OUT GND

PL 2827 A5

PL Ø218 A1

ZF-PLATTE
IF-BOARD

STEREO/ASU

D180 BAV99
R194 1K
R191 100K
C191 47N
C189 47N
R187 10K
MPB
R306 50K
R304 10K
R309 220K
R308 220K
D192 BAL99
V192 BC848B
V193 BC848B
R192 10K
R198 100K
R199 47K
C193 3,3U
C306 1U
R311 56K
R312 68K
C307 56
C310 330
R303 470K
C301 0,1U
C302 6,8N
C303 6,8N
R310 33K
R320 3,3K
C305 0,22U
C320
D
B

HAUPTPLATTE
MAIN BOARD

X2 (AN X2000)

GND (1)
(KL.31) GND (2)
UD (3)
(KL.30) UD (4)
GAL (5)
AUT.ANT. (6)
(KL.R) U_GESCH. (7)
TEL.MUTE (8)
LF (9)
GND (10)
RF (11)
LR (12)
RR (13)

+RF (6)
+LR (3)
-LF (8)
-RF (11)
-RR (14)
LAC (17)
-LR (12)
TEL.MUTE (4)
+UD (9)
⊥ (15)
DAC (7)
BEL (13)
+12V (5)
GAL (10)
+ANT (16)

ANSCHLUSSPLATTE
CONNECTOR-BOARD

PL 2826 A5

V645 BC848B
R646 47k
KW + LW = H
C633 0,1u
MP602
D601 BB112
R615 22k
L602 210uH MW 558kHz
C608 8,2
C607 10
C606 0,1u
C714 0,1u
D602 BB112
R614 22k
MP609
C618 1,5
C617 10
C609 0,1u
MP610
L603 246uH MW 558kHz
MP604
V610 BC848C
R611 2,7k
L612 1,9mH LW 153kHz
C604 33
R610 10k
MP612
V611 BC848C
R612 2,7k
C605 33
R613 10k
L613 1,9mH LW 153kHz
MP613
MP611
KW +

V 152

TDA 1599
FM - IF Ampl. + DEM

1 =	8,4 V	13 =	4,3 V
2 =	1,4 V	14 =	4,9 V
3 =	4,3 V	15 =	4,9 V
4 =	3,0 V	16 =	4,3 V
5 =	4,1 V	17 =	GND
6 =	4,2 V	18 =	1,7 V
8 =	2,1 V	19 =	1,7 V
10 =	4,0 V	20 =	1,7 V
11 =	4,0 V		

V 310

TDA 1591
Stereo Decoder / ASU

1 =	4,7 V	11 =	3,8 V
2 =	4,4 V	12 =	3,8 V
3 =	GND	13 =	3,8 V
4 =	3,0 V	14 =	3,8 V
5 =	8,5 V	15 =	3,8 V
6 =	2,2 V	16 =	3,7 V
7 =	2,2 V	17 =	3,8 V
8 =	6,0 V	18 =	5,2 V
9 =	3,8 V	19 =	3,2 V
10 =	3,8 V	20 =	3,0 V

MULTIPATH

R195 270K
C195 0,1U
C180 47N
R180 68K
C182 100
C181 100
R182 680K
U81
C680 0,1U
R183 47K
R181 12K
D805 BAV70
R683 6,8K
V681 BC848B
R684 100K
V180 TL072IDR
R188 22K
R187 10K
U82
R680 10K
D680 BAV70
C159 0,22U
Q152 10,7MHz
R161 330
R159 390
MP9
R152 150
V151 BF550
C156 0,1U
C158 0,47U
C155 22N
R153 180
R157 82
C151 22N
R155 12K
R156 3,3K
R158 820
C152 22N
R167 4,7K
C153 0,1U
U81
V152 TDA1599
20 19 18 17 16 15 14 13 12 11
1 2 3 4 5 6 7 8 9 10
L671 180UH
C676 330
F152
C165 0,33U
C163 0,1U
R165 1Ø
U8
C177 22N
R166 100K
AUFR. BEGR.
C173 2,2U
R682 10K
V680 BC848B
R681 8,2K

FM-ZF-DEM
FM-IF-DEM

X1

PL 2827 A5

PL Ø218 A1

ZF-PLATTE
IF-BOARD

STEREO/ASU

D180 BAV99
R194 1K
R191 1ØØK
C191 47N
C189 47N
R187 1ØK
MP8
R306 1ØØK
D192 BAL99
R309 22ØK
R308 22ØK
R304 1ØK
R192 1ØK
R198 1ØØK
V192 BC848B
V193 BC848B
C193 3,3U
R199 47K
C306 1U
R311 56K
R312 68K
C307 56
C310 33Ø
R303 47ØK
C301 Ø,1U
C302 6,8N
C303 6,8N
R310 33K
R320 3,3K
C305 Ø,22U
C320 5,6N
V31Ø TDA1591
20 19 18 17 16 15 14 13 12 11
1 2 3 4 5 6 7 8 9 1Ø
R314 27K
C308 Ø,22U
C309 22N
Q300 CSB456F11
R315 1ØØK
C311 Ø,1U
C212 18Ø
C315 Ø,22U
R322 47ØK
R316 33K
R326 3,3K
C317 Ø,22U
C326 5,6N
U85
R220 1Ø
C313 1ØØU
R218 1,5K
C214 47Ø
R219 1M
C218 1N
V2ØØ BC848B
R217 1K
R221 2,2K
C216 47Ø
MP13
U8
U82
U81
U85
X15Ø
18 17 16 15 14 13 12 11 1Ø 9 8 7 6 5 4 3 2 1
ZF_IN GND U8 ANT_DIV. SL_STOP AM_ZF MULTI/ZEIT QUALITAET MP1Ø6 MULTI U81 U82 FFM U85 MPX RF_R GND RF_L

HAUPTPLATTE
MAIN BOARD

= H
C633 0,1u
R654 2,7k
C658 5,6
L652 2,5uH KW
V651 BC848C
V652 BC848C
C714 0,1u
R655 10k
R641 1M
R640 1M
R656 2,7k
R657 10k
KW = H
R63: 0
KW 6,75kHz
R630 10k
C632 0,1u
L606 4,5uH KW 6175kHz
C638 150
R605 2,7k
V603 BC848C
R621 680
MP605
D2 12
R614 22k
R650 10k
C650 470
C609 0,1u
D650 BB112
L650 11Ø,uH MW
C652 3,3
C651 3,3
MW-OSZ. 1,34V
R606 18Øk
C654 0,1u
R642 1M
L651 38uH LW
V650 BC848C
R653 2,7k
R652 10k
C630 0,1u
MW = H
LW-OSZ. 1,47V
C653 0,1u
KW + MW = H
V604 BFR30
R607 100
R609 100
GROSS-SIGNALREGELUNG
8V
V600 ON4288
L604 4,7uH
C602 0,1u
0,2V
R604 100
R603 270k
C601 1n
C600 1n
R600 270k
R601 270k
V621 BC858C
D620 BAL99
C622 22n
D621 BAL99
V622 BC858C
R628 22k
C623 22u
R626 39k
R625 10k
R627 22k
R624 68k
C621 3,9n
C620 22n
V623 BFS19...
R622 68k
R623 68k
R670 8,2k
V660 TDA1572T
11 10 9 8 7 6 5 4 3 2 1
12 13 14 15 16 17 18 19 20
4,2V 0,7V 4,2V 4,2V 8,0V 3,9V 3,9V 8,0V
R651 22
R620 10
MW + LW
KW
R632 0
C612 4,7n
C665 47n
C661 10u
C660 2,2u
3,8V 1,6V 2,5V 2,1V 2,2V 2,1V
C662 0,1u
C667 0,1u
C666 3,3n
C691 0,1u
C692 47n
R694 4,7k
V690 BC849C
R693 2,2k
C693 1,8n
R696 1M
R692 22k
R691 1M
C690 0,1u
R690 100
R661 2,7k
Q660 CFWM460H
IN OUT GND
L660 37uH ZF 1404kHz
C663 0,1u
C664 22u
R660 10
U82
2,7n
22k

PL 2195 A3

FM–TUNER
MODUL

ZF–PLATTE
IF–BOARD

X150 ZF_IN GND U8 ANT_DIV. SL_STOP AM_ZF MULTI/ZEIT QUALITAET V152/3 MULTI U81 U82 FFM U85 MPX RF_R GND RF_L

MP101 C100 100 L600 3,3UH C603 10N

X11 ANT. ANT_GND

A100
VECTOR_A1/2

X13 ZF_IN FM_OSZ. R15 100 C39 1N

X12 dU_FM U81 MULTI

C2412 1N C2411 1N

MP4 MP666

X600 VECTOR A1/2
HF_IN GND AM_FELDST. KW AM_ZF LW dU_AM MW AM_OSZ. GND U82 AM_NF

AM–PLATTE
AM BOARD

V809 BC858B R811 47K R810 4,7K U82
V811 BC858B R814 47K R813 4,7K
V810 BC848B R812 22K
R809 22K
V807 BC858B R808 47K R807 4,7K U82
V805 BC848B R806 22K
R2417 22K C2414 1N
R2414 22K R2415 68K R2416 68K U51 MP8

U5 R2407 4,7K
R2402 68K R2404 100 C2409 0,33U V2402 BC848B R2408 4,7K
V2401 BC848B R2406 22K R2403 68K R2405 2,2K
C2408 10N

U51 L2400 33UH R2421 100 R2419 100 R2420 2,2 C2403 0,1U C2417 3,3N C2413 0,1U C2402 47N R2413 22K

VCC2 VCC1 VCC3 VSS3 ARIMOD1 ARIMOD2 ARIOUT ARIFIL MW LW KW FAM BF DF FFM SL–STOP MULTI/ZEIT QU MUTE FM
24 33 34 29 36 30 32 31 41 40 19 18 17 38 43 42 37 44 16 39 13 15

RDS
VECTOR_F4

V2400
TMS375C006

RDS–PROCESSOR / AM–CONTROLLER

35 1 3 2 6 22 7 8 9 21 11 12 10 14 25 26 27 28 5 20 23 4
RDS VSS1 CLK MC DATA VSS2 BUSOUT RESET BUSIN

MPX–FILTER

C2404 0,1U C2407 10N R2401 2,2K

V2410 TDA7332D
8 9 10 11 12 13 14
7 6 5 4 3 2 1
VECTOR_F4

VECTOR_B2 Q2400 4,332MHZ C2400 18 C2401 18 R2400 1W R2412 68K R2424 4,7K R2423 4,7K

MP2400 R2422 39K C2415 470 C2416 470 MP2402 R5001 3,3K

U52 R1500 82 D1500 BAV99 U85

NF–STELLER
AF–CONTROLLER

V1500
TDA7318
VECTOR_F2/3

C1501 10U C1504 100U C1500 0,1U C1525 1,8N C1545 1,8N C1505 1U R685 18K R686 15K C1503 27N

1 2 3 4 5 6 7 8 9 10 11 12 13 14
SCL SDA LF RF LR RR FM WT AM CD–R FM WT AM
28 27 26 25 24 23 22 21 20 19 18 17 16 15

U8 V813 BC858–25 U81 R815 47K R816 4,7K D1402 BAL99 D1401 BAL99 R819 22K V812 BC848B R817 4,7K V814 BC858B V815 BC858–25 U82 C815 1,2N R820 4,7K

SPANNUNGSVERSORGUNG
POWER SUPPLY

VECTOR B/C4 GND U52 U14 GND
1 2 3 4 5
K

U52 C5002 470U K
U14 C5001 1000U

CD–
CD–
86

V2410 TDA7332D VECTOR_F4
VECTOR_B2 Q2400 4,332MHZ
C2400 18 R
C2401 18 R
R2410 0
C2406 10U R
C2405 270
R2411 * R
R2424 4,7K
R2423 4,7K
U51
R2422 39K
C2415 470 R
R5001 3,3K
MP2403
MP2401
MP705
U52
L700 10UH
PLL
VECTOR_F4
V700 SDA4330-2X
C701 0,1U
C711 22U
R703 39K
C710 10N
MP650
C706 82N
R708 5,6K
C707 10N
C708 0,1U
R700 8,2K
R710 180
C705 10N
R711 4,7K
R709 180K
U14
R704 10
R705 1,5K
V701 BC848B
D701 BAL99
D702 BZX84 B10
R707 15K
R705 2,7K
V702 BC848C
C704 0,1U
C703 10U
C702 100U
MP624
U51
L850 3,9UH
PROCESSOR
V850 MC68HC05B
MP2404
R2418 68K
DISPLAY-BELEUCHTUNG TAG/NACHT
DISPLAY-ILLUMINATION DAY/NIGHT
U14
B1000 6,3V_100MA
B1001
B1002 6,3V_100MA
B1003
B1004 6,3V_100MA
B1005 6,3V_100MA
R1014 33
R1015 33
R1016 220
R1017 220
R1018 33
R1019 33
R1020 220
R1021 220
R1022 33
R1023 33
R1024 220
R1025 220
V1001 BC818-25
V1002 BC818-25
V1003 BC818-25
R1004 100
R1005 100
R1006 100
R1003 12K
R1001 3,3K
V1004 BC848C
C1007 10U
R1002 10K
C1001 47N
U51
D850 BAV70
R866 180K
C857 0,1U
R867 1M
R868 1M
R869 68K
V852 BC848C
V853 BC848C
V851 BC848C
R877 1M
U5
R873 100K
R872 18K
C2026 0,1U
R870 180K
U51
R871 100K
V854 BC848C
R879 100K
R857 33K
R858 33K
C2024 47U
C2025 0,1U
U141
D2020 1N4004
V2020 L4949ND013TR
VECTOR F2
R2027 39
R2020 39
C2020 1000U
C2021 0,1U
C2023 0,33U
C2022 0,1U
R2022 47K
R2021 10K
U141
VECTOR_A3
ANT.-DIVERSITY X130
MP130
U14
U81
R121 2,7K
V120 BF550
C121 22N
R125 56
C125 2,2N
L130 8,2UH
C130 0,1U
VECTOR_A3
V135 BC369
R131 8,2
R130 8,2
R132 4,7K
R133 4,7K
D137 BAV99
R137 100K
V137 BC858C
D136 BAV99
R122 6,8K
R123 1K
R128 3,9K
C122 22N
R124 1,2K
C120 22N
10K R136
4,7U C136
BC848C V136
U81
R138 1,8K
R141 47K
V138 BC848C
R140 10K
ANT.-DIVERSITY
U51
RESET
R2028 180K
C2027 1U
R2029 1M
R2030 1M
R2031 180K
V2023 BC848C
V2024 BC848C
R2033 180K
C2028 2,2N
R2034 1M
R2035 1M
R2036 180K
V2025 BC848C
V2026 BC848C
C2029 2,2N
R2032 18K
SPANN
P

LATTE
OARD

MULTI U81 U82 FFM U85 MPX RF_R GND RF_L

NF-ENDSTUFE / AF-AMPLIF

NF-STELLER
AF-CONTROLLER

V1500
TDA7318
VECTOR_F2/3

NF-MUTE

V1600
TDA7350
VECTOR_B/C4

V1602
TDA7350
VECTOR_C4

CD-LAUFWERK
CD-MECHANISM
8 638 811 547

VECTOR B/C4 GND U52 U14 GND RESET CS CLK D.I. D.O. SRO CSW GND NF_R GND NF_L X5000

SPANNUNGSVERSORGUNG
POWER SUPPLY

V2400
TMS375C006
RDS-PROCESSOR / AM-CONTROLLER

VSS3 ARIMOD1 ARIMOD2 ARIOUT ARIFIL MW LW KW FAM BF DF FFM SL-STOP MULTI/ZEIT QU MUTE FM

VSS1 CLK MC DATA VSS2 BUSOUT RESET BUSIN

FOTOTRANSISTOR

DISPLAY-SENS

DIMMER (NACHT)

PROCESSOR

V850
MC68HC05B8
VECTOR_H3

CD-CHANGER
CONTROLLER

V860
MC68HC05C8
VECTOR_H3

RESET

SPANNUNGSVERSORGUNG
POWER SUPPLY

NF–ENDSTUFE / AF–AMPLIFIER

NF–MUTE

DISPLAY–SENSOR

CD–LAUFWERK
CD–MECHANISM
8 638 811 547

FOTOTRANSISTOR

TAG

DIMMER (NACHT)

VECTOR B4

ANSCHLUSSPLATTE
CONNECTOR BOARD

ANSCHLUSSPLATTE
KEY BOARD

V 1600 / V1602	
TDA 7350 AF Power Amplifier	
1 = 0,2 V	7 = 6,6 V
2 = 0,2 V	8 = 6,4 V
3 = GND	9 = 14,0 V
4 = 0,2 V	10 = 6,4 V
5 = 0,2 V	11 = 13,0 V
6 = GND	

V 1500
TDA 7318 AF Controller
1 = 4,2 V
2 = 8,3 V
4 - 9 = 4,2 V
10 = 4,3 V
12 + 13 = 4,2 V
14 = 4,4 V
15 - 25 = 4,2 V
27 + 28 = 4,9 V

V 700
SDA 4330 PLL
11 = 2,1 V
13 = 2,4 V
16 = 1,4 V
17 = 6,0 V
18 = 1,5 V
19 = 5,0 V
20 = 0,6 V
21 = 11,0 V
23 = 2,0 V

V 2020
L 4949 Power up
1 = 13,5 V
2 = 14,2 V
4 = 2,4 V
6 = 5,0 V
8 = 5,1 V

SCHALTERPLATTE KEY BOARD

ANSCHLUSSPLATTE CONNECTOR BOARD

POTIPLATTE CONTROL BOARD

TREIBERPLATTE DRIVER BOARD

CD-CHANGER CONTROLLER

BUS-INTERFACE

SPANNUNGSVERSORGUNG
POWER SUPPLY

* BAUTEIL ZUR ZEIT NICHT BESTUECKT !!!

PL 0212 A1